SONY

User guide

Xperia™ Tablet Z

SGP311/SGP312

Contents

Xperia™ Tablet Z User guide.....5

Getting started.....6

Device overview.....6
Assembly.....7
Turning the device on and off.....7
Setup guide.....8
Locking and unlocking the screen.....8
Accounts and services.....9
Multiple user accounts.....9

Getting to know your device.....11

Using the keys.....11
Battery.....11
Using the touchscreen.....14
Lock screen.....16
Home screen.....16
Taking a screenshot.....19
Accessing and using applications.....19
Status and notifications.....21
Accessing settings.....23
Typing text.....23
Customizing your device.....27
Memory.....28
Using a headset 29

Google Play™.....30

Getting started with Google Play™.....30
Downloading from Google Play™.....30
Clearing your application data.....30
Permissions.....31
Installing applications not from Google Play™ 31

Contacts.....32

Transferring contacts using a computer.....32
Synchronizing contacts with your device.....32
Other methods for transferring contacts.....32
Avoiding duplicate entries in the Contacts application.....33
Adding and editing contacts.....33
Searching and viewing contacts.....34
Favorites and groups.....35
Sending contact information.....35
Backing up contacts.....35

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Email 37
Getting started with Email 37
Using e-mail 38
Socialife™ 40
Using the Socialife™ application 40
Music 41
Transferring music to your device 41
Listening to music 41
WALKMAN home screen 42
Playlists 44
Sharing music 44
Enhancing the sound 45
Visualizer 45
Recognizing music with TrackID™ 45
Music Unlimited online service 46
FM radio 48
Listening to the radio 48
Favorite radio channels 49
Sound settings 49
Camera 50
Camera controls overview 50
Face detection 51
Using Smile Shutter™ to capture smiling faces 51
Adding the geographical position to your photos 51
General camera settings 52
Using still camera settings 53
Video camera settings 55
Album 57
Viewing photos and videos 57
Sharing and managing photos and videos 58
Editing photos with the Photo editor application 59
Photo albums 60
Viewing your photos on a map 61
Videos 63
Watching videos in the Movies application 63
Transferring video content to your device 64
Managing video content 64
Video Unlimited service 65
Web browser 66
About the web browser 66

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Connectivity.....67
Sharing content with DLNA Certified™ devices.....67
NFC.....69
Bluetooth® wireless technology.....70
Connecting your device to a computer.....73
Connecting your device to a TV set using a cable.....75
Screen mirroring.....75
Smart Connect.....76
Synchronizing data on your device.....77
About synchronizing data on your device.....77
Synchronizing with Google™.....77
Synchronizing your corporate email, calendar, and contacts.....77
Synchronizing with Facebook™.....78
Maps and locations.....80
About location services.....80
Using GPS.....80
Google Maps™.....81
Calendar and alarm clock.....82
Calendar.....82
Alarm clock.....82
Support and maintenance.....85
Updating your device.....85
Resetting your device.....86
Locking and protecting your device.....86
Support application.....88
Recycling your device.....88
Reference.....89
Status and notification icons overview.....89
Application overview.....89
Important information.....91
Important information leaflet.....91
Limitations to services and features.....91
Water resistance.....91
Legal information.....92

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Xperia™ Tablet Z User guide

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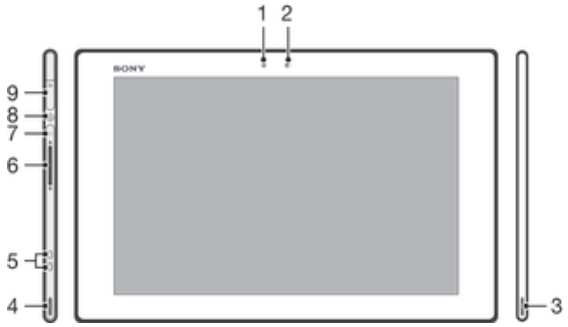
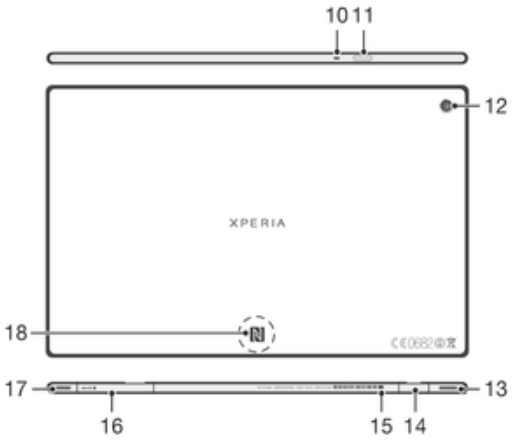
Getting started

Device overview



1	Light sensor
2	Front camera
3	Speaker A
4	Speaker B
5	Charging dock connector
6	Volume key
7	Notification light
8	Power key
9	Headset jack



10	Microphone
11	Infrared sensor
12	Main camera
13	Speaker B (same as 4)
14	Port for charger/USB cable
15	Hole for attaching the charger port cover
16	Memory card slot
17	Speaker A (same as 3)
18	NFC™ detection area

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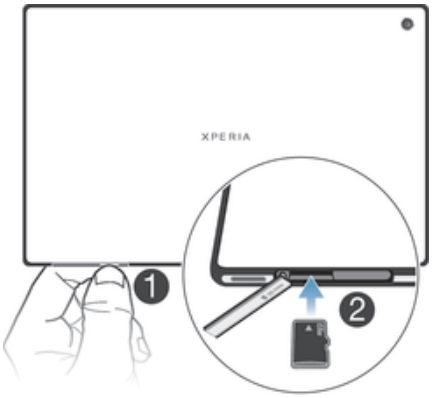
Assembly

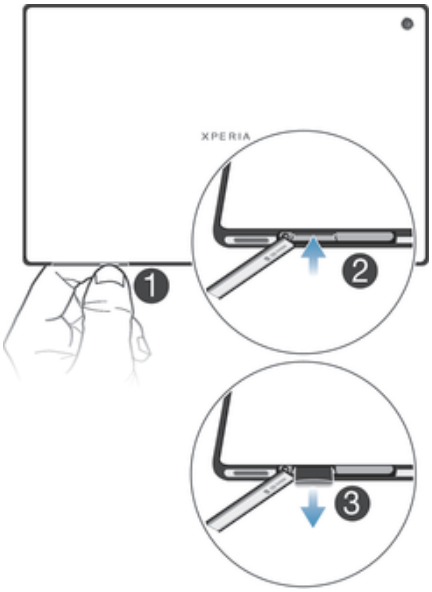
To insert the memory card



1 Insert a fingernail into the gap between the memory card cover and the bottom side of the device, then detach the memory card cover.
2 Place the memory card in the memory card slot, with the gold-colored contacts facing down, then push the memory card all the way into the slot until you hear a locking sound.
3 Reattach the memory card cover.

! The memory card may not be included at purchase in all markets.

To remove the memory card



1 Turn off the device, or unmount the memory card from **Settings** > **Storage** > **Unmount SD card**.
2 Remove the cover of the memory card slot, then press against the edge of the memory card and release it.
3 Draw the card outwards to remove it fully.

Turning the device on and off

To turn on the device

! Make sure that the battery is charged for at least 30 minutes before you turn on the device for the first time.

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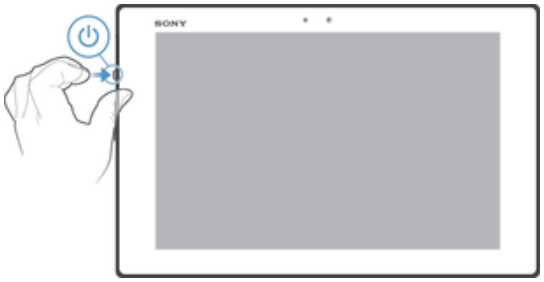


1 Press and hold down the power key until the notification light flashes once.
2 If your screen goes dark, briefly press the power key to activate the screen.
3 To unlock the screen, drag up or drag down.
4 Wait a while for the device to start.

To turn off the device

1 Press and hold down the power key until the options menu opens.
2 In the options menu, tap **Power off**.
3 Tap **OK**.

! It may take a while for the device to shut down.

To force the device to shut down

1 Press and hold down both the volume up key and the power key for 10 seconds.
2 After the notification light flashes three times, release the keys. The device turns off automatically.

Setup guide

The first time you start your device, a setup guide opens to help you configure basic settings, sign in to some accounts, and personalize your device. For example, if you have a Sony Entertainment Network account, you can sign in to it and start enjoying music, videos and games from the Sony Entertainment Network on your device. Or you can create a new account directly on your device.

You can also access the setup guide later from the Settings menu. To access the setup guide on a device with multiple users, you must be logged in as the owner, that is, the primary user.

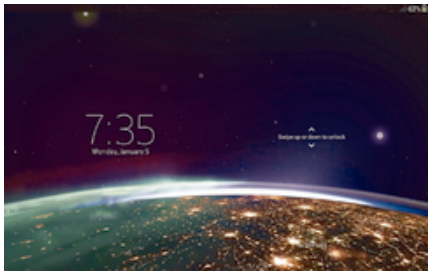
! Sony Entertainment Network with Video Unlimited and Music Unlimited is not available in every market. Separate subscription required. Additional terms and conditions apply.

To access the setup guide manually

1 From the Home screen, tap .
2 Tap **Settings** > **Setup guide**.

Locking and unlocking the screen

When your device is on and left idle for a set period of time, the screen darkens to save battery power, and locks automatically. This lock prevents unwanted actions on the touch screen when you are not using it.



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To activate the screen

- Briefly press the power key .
- If Tap to wake up mode is enabled, double-tap the screen.

To enable Tap to wake up mode, go to the Home screen, then tap > **Settings** > **Display** > **Tap to wake up**.

To unlock the screen

- Place a finger on the screen and swipe up or down.

There are several ways to unlock the screen. For more information, see *Setting a screen lock* on page 86.

To lock the screen

- When the screen is active, briefly press the power key .

Accounts and services

Sign in to your online service accounts from your device to get easy access when you're on the move. For example, you can integrate contacts from your Google™ account into your Contacts, so you have everything in one place. You can sign up to new online services from your device as well as from a computer.

Google™ account

Having a Google™ account is key to using a range of applications and services with your Android™ device. You need a Google™ account, for example, to use the Gmail™ application in your device, to chat with friends using Hangouts™, and to synchronize the calendar application on your device with your Google Calendar™. You also need a Google™ account to download applications and games, music, movies, and books from Google Play™.

Microsoft® Exchange ActiveSync® account

Synchronize your device with your corporate Microsoft® Exchange ActiveSync® account. This way, you keep your work email, contacts, and calendar events with you at all times.

Facebook™ account

Facebook™ is a social networking service that connects you with friends, family, and colleagues around the world. Set up Facebook to work on your device so that you can stay in touch from anywhere.

Multiple user accounts

Your device supports multiple user accounts so that different users can log in separately to the device and use it. For example, different users can have different home screen setups, wallpaper and general settings, as well as separate memory storage. So they can install their own applications and store files such as music and photos that only they can access. Multiple user accounts work well in situations where different family or group members share the same device.

The user who sets up the device for the first time becomes the owner of the device. The owner is the administrator or primary user. Once you are logged in as the owner, you can add, change and delete other users via the Settings menu. You can add a maximum of seven new users. As the owner, your account cannot be deleted.

Some features are only available to the owner. For example, only the owner can access the external SD card.

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Using multiple user accounts

To add a new user

1. Make sure you are logged in as the owner, that is, the user who set up the device for the first time.
2. Drag the status bar downwards, then tap .
3. Find and tap **Users > Add user or profile > User**.
4. Tap **OK > Set up now**. An icon representing the newly added user appears on the lock screen.
5. Tap the icon representing the newly added user, then unlock the screen.
6. Follow the setup guide instructions to complete the process.

To switch users

1. From the lock screen, tap the icon representing the user that wants to use the device.
2. If you have set a password for the new account, enter the password to log in. If you have not set a password, just unlock the screen.

To delete a user from your device

1. Make sure you are logged in as the owner.
2. Drag the status bar downwards, then tap .
3. Find and tap **Users**.
4. Tap beside the name of the user that you want to delete, then tap **Delete**.

! The owner account can not be deleted.

Different behaviors for settings

Settings can behave in three different ways when a device has multiple users:

- Some settings can be changed by any user and affect all users, including the owner, for example, language, Wi-Fi®, Airplane mode, NFC, and Bluetooth®.
- Some settings affect only the individual user's space, for example, automatic data syncing, screen lock, various accounts added, and wallpaper.
- Some settings are visible only to the owner and affect all users, for example, VPN settings.

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Getting to know your device

Using the keys

Back
- Go back to the previous screen
- Close the on-screen keypad, a dialog box, an options menu, the Notification panel, or an application

Home
- Go to the Home screen

Task
- Tap to open a window showing your most recently used applications and a small apps bar

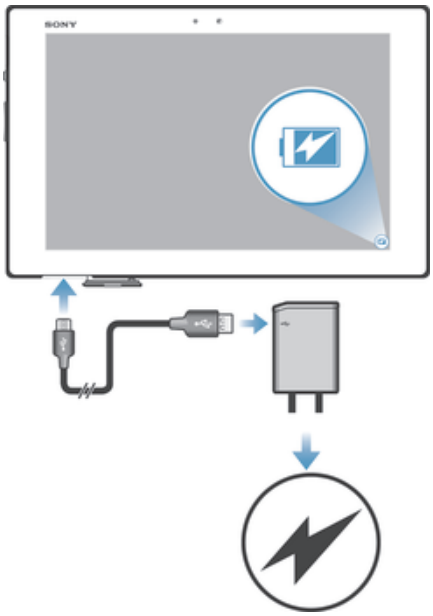
Battery

Your device has an embedded battery.

Charging the battery

Your battery is partly charged when you buy your device. It may take a few minutes before the battery icon appears on the screen when you connect the charger cable to a power source, such as a USB port or a charger. You can still use your device while it is charging. Charging your device over a long period of time, for example, overnight, does not damage the battery or the device.

To charge your device



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1 Plug the charger into a power outlet.
2 Plug one end of the USB cable into the charger (or into the USB port of a computer).
3 Plug the other end of the cable into the micro USB port on your device, with the USB symbol facing up. The notification light lights up when charging starts.
4 When the notification light is green, the device is fully charged. Disconnect the USB cable from your device by pulling it straight outward. Make sure not to bend the connector when removing the cable from the device.

If the battery is completely discharged, it may take a few minutes before the notification light lights up after you connect the charger cable to a power source.

Battery notification light status

Green	The battery charge level is greater than 90%
Flashing red	The battery level is low
Orange	The battery is charging and the battery charge level is less than 90%

To check the battery level

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings** > **About tablet** > **Status** > **Battery level**.

Improving battery performance

The following tips can help you improve battery performance:

- Charge your device often. This will not affect the lifetime of the battery.
- Turn off Bluetooth® and Wi-Fi® connections when you don't need these features. You can turn them on and off more easily from the Notification panel by dragging down the status bar.
- Use the **STAMINA mode** and **Low battery mode** features to reduce battery consumption. You can select the power saving mode that best suits the way you use your device. You can also customize the settings of each power saving mode.
- Set your synchronization applications (used to synchronize your email, calendar, and contacts) to synchronize manually. You can also synchronize automatically, but increase the synchronization intervals.
- Check the battery usage menu in your device to see which applications use the most power. Your battery consumes more power when you use video and music streaming applications, such as YouTube™. Some applications downloaded from Google Play™ may also consume more power.
- Close and exit applications that you are not using.
- Lower the screen display brightness level.
- Turn off your device or activate the **Airplane mode** setting if you are in an area with no network coverage. Otherwise, your device repeatedly scans for available networks, and this consumes power.
- Use a Sony™ original handsfree device to listen to music. Handsfree devices demand less battery power than your device's own loudspeakers.
- Keep your device in standby whenever possible. Standby time refers to the time during which your device is connected to the network and is not being used.
- Disable any live wallpaper.

If you are using a device with multiple users, some tips may only be applicable to the owner, that is, the primary user of the device.

To access the battery usage menu

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings** > **Power management** > **Battery**.

Using the STAMINA mode feature

Activate the **STAMINA mode** feature to pause your Wi-Fi® connection, data traffic and several power consuming applications when your screen is inactive. You can also set

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up an applications list to allow some applications to keep running when your screen is inactive. Once the screen becomes active again, all paused functions are resumed.

! If you are using a device with multiple users, you may need to log in as the owner, that is, the primary user, to activate or deactivate the **STAMINA mode** feature.

To activate STAMINA mode

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings** > **Power management**.
3 Tap ◉ next to **STAMINA mode**, then tap **Activate**.

To deactivate STAMINA mode

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings** > **Power management**.
3 Tap ❙ next to **STAMINA mode**.

To change the settings for STAMINA mode

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings** > **Power management**.
3 To open the settings menu, tap **STAMINA mode**.
4 Add or remove applications, as desired.
5 When you're finished, tap **Done**.

Estimating the standby time of your device

Standby time refers to the amount of time the battery can last when your device is connected to the network but is not in active use. STAMINA mode, when activated, continuously evaluates the remaining standby time, which can vary depending on how you use your device. STAMINA mode is more effective in lengthening the standby time if you keep the screen of your device locked. If you rarely lock the screen, you may not see much improvement in battery performance.

! When you use your device for the first time, the estimated standby time may not be accurate since there is no previous usage history to estimate from.

To view the estimated standby time

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings** > **Power management**.

Using Low battery mode

You can activate the **Low battery mode** feature to save power when the battery level is low. This feature helps you to adjust the settings for screen brightness and data traffic so that you can reduce battery consumption.

! If you are using a device with multiple users, only the owner, that is, the primary user, can adjust the settings for Low battery mode as well as activate or deactivate the feature. Changes made by the owner affect all other users.

To activate Low battery mode

1 Drag the status bar downwards, then tap ✕.
2 Find and tap **Power management**.
3 Drag the slider beside **Low battery mode** to the right.

To deactivate Low battery mode

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings** > **Power management**.
3 Tap ❙ next to **Low battery mode**.

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To change the settings for Low battery mode

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **Power management**.
3. To open the settings menu, tap **Low battery mode**.
4. Adjust the settings as desired.
5. When you're finished, tap ⮌.

Using the touchscreen

A protective plastic sheet is already attached to the screen of your device when you buy it. You should peel off this sheet before using the touchscreen. Otherwise, the touchscreen might not function properly.

When your device is on and left idle for a set period of time, the screen darkens to save battery power, and locks automatically. This lock prevents unwanted actions on the touchscreen when you are not using it. You can also set personal locks to protect your subscription and make sure only you can access content on your device.

! The device screen is made from glass. Do not touch the screen if the glass is cracked or shattered. Avoid trying to repair a damaged screen yourself. Glass screens are sensitive to drops and mechanical shocks. Cases of negligent care are not covered by the Sony warranty service.

To open or highlight an item

- Tap the item.

Marking options

☑	Marked checkbox
☐	Unmarked checkbox
⏻	Switched on
⏻	Switched off

To mark or unmark options

- Tap the relevant checkbox or the switch beside the option name.

Zooming

The zoom options available depend on the application you are using.

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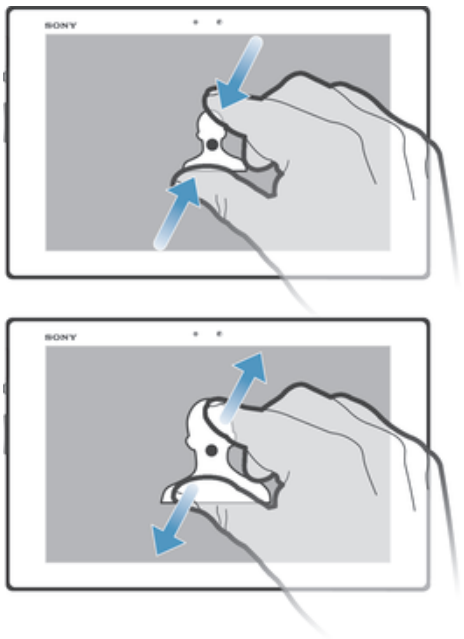
To zoom



- Place two fingers on the screen at once and pinch them together (to zoom out) or spread them apart (to zoom in).

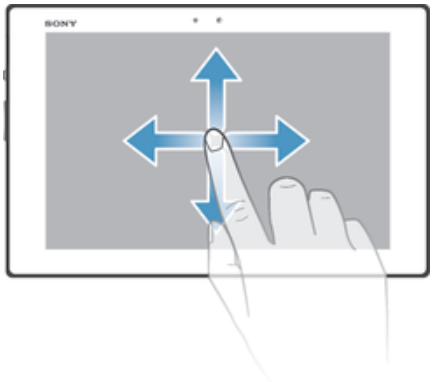
When you use two fingers on the screen to zoom, it is only possible to zoom if both fingers are within the zoomable area. If you, for example, want to zoom in on a photo, make sure that both fingers are within the photo frame area.

Scrolling

Scroll by moving your finger up or down on the screen. On some web pages you can also scroll to the sides.

Dragging or flicking will not activate anything on the screen.

To scroll



- Drag or flick your finger in the direction you want to scroll on the screen.

To scroll more quickly, flick your finger in the direction you want to go on the screen.

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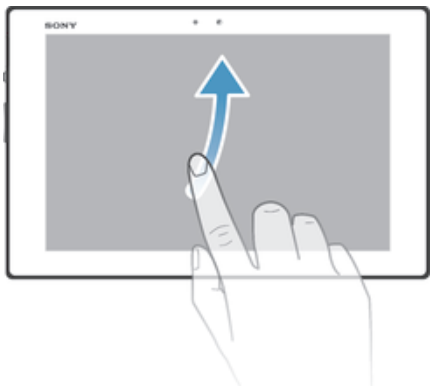
To flick



- To scroll more quickly, flick your finger in the direction you want to go on the screen. You can wait for the scrolling movement to stop by itself, or you can stop it immediately by tapping the screen.

Sensors

Your device has a sensor that detects light. The light sensor detects the ambient light level and adjusts the brightness of the screen accordingly.

Lock screen

The lock screen is the screen that you see when the device is locked but the screen is active. The lock screen can have up to five panes and you can add one widget to each pane. You can then access these widgets from the lock screen. For example, you can add the Calendar widget and an email widget so that you can gain quicker access to these applications.

! The Clock widget is located by default in the middle pane of the lock screen.

To add a widget to the lock screen

1. To activate the screen, briefly press the power key .
2. Swipe inward from the top-left area of the screen until + appears, then tap it.
3. If required, enter your PIN code, pattern, or password to unlock the screen.
4. Find and tap the widget that you want to add.
5. Follow the on-screen instructions, if necessary, to finish adding the widget.

To remove a widget from the lock screen

1. To activate the screen, briefly press the power key .
2. Touch and hold the widget that you want to remove, then drag it to .

To move a widget on the lock screen

1. To activate the screen, briefly press the power key .
2. Touch and hold the widget that you want to move, then drag it to the new location.

Home screen

The Home screen is the starting point for using your device. You can customize it with applications, widgets, shortcuts, folders, themes, and wallpaper. You can also add extra panes.

The Home screen extends beyond the regular screen display width, so you need to flick left or right to view content in all of the Home screen's panes.

● ● ● ○ ● ● ● shows which part of the Home screen you are in. You can set a pane as the main Home screen pane, and add or delete panes.

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To go to the Home screen

- Press ⌂.

To browse the Home screen

- Flick right or left.

To set a pane as the main Home screen pane

1. Touch and hold an empty area on your Home screen.
2. Flick left or right to browse to the pane that you want to set as your main Home screen pane, then tap ⌂.

To add a pane to your Home screen

1. Touch and hold an empty area on your Home screen.
2. Flick left or right to browse the panes, then tap ⊕.

To delete a pane from your Home screen

1. Touch and hold an empty area on your Home screen.
2. Flick left or right to browse to the pane that you want to delete, then tap ⊗.

Widgets

Widgets are small applications that you can use directly on your Home screen. For example, the “WALKMAN” widget allows you to start playing music directly.

Some widgets are resizable, so you can expand them to view more content or shrink them to save space on your Home screen.

To add a widget to the Home screen

1. Touch and hold an empty area on your Home screen, then tap **Widgets**.
2. Find and tap the widget that you want to add.

To resize a widget

1. Touch and hold a widget until it magnifies, then release the widget. If the widget can be resized, for example, the Calendar widget, then a highlighted frame and resizing dots appear.
2. Drag the dots inward or outward to shrink or expand the widget.
3. To confirm the new size of the widget, tap anywhere on the Home screen.

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Rearranging your Home screen

Customize the appearance of your Home screen and change the features you can access from it. Change the screen background, move items around, create folders, and add shortcuts and widgets.

Customization options

When you touch and hold an empty area of your Home screen, the following customization options appear:

Add widgets to your Home screen.

Add applications and shortcuts.

Set a wallpaper for your Home screen.

Set a background theme.

To view customization options from the Home screen

- Touch and hold an empty area on your Home screen and customization options appear on the screen.

To add a shortcut to your Home screen

1. Touch and hold an empty area on your Home screen.
2. In the customization menu, tap **Apps**.
3. Scroll through the list of applications and select an application. The selected application gets added to the Home screen.

In step 3, alternatively, you can tap **Shortcuts** and then select an application from the list available. If you use this method to add shortcuts, some of the applications available allow you to add specific functionality to the shortcut.

To move an item on the Home screen

- Touch and hold the item until it magnifies, then drag the item to the new location.

To delete an item from the Home screen

- Touch and hold an item until it magnifies, then drag the item to .

To create a folder on the Home screen

- Touch and hold an application icon or a shortcut until it magnifies, then drag and drop it on top of another application icon or shortcut.

To add items to a folder on the Home screen

- Touch and hold an item until it magnifies, then drag the item to the folder.

To rename a folder on the Home screen

1. Tap the folder to open it.
2. Tap the folder's title bar to show the **Folder name** field.
3. Enter the new folder name and tap **Done**.

Changing the background of your Home screen

Adapt the Home screen to your own style using wallpapers and different themes.

To change your Home screen wallpaper

1. Touch and hold an empty area on your Home screen.
2. Tap **Wallpapers** and select an option.

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To set a theme for your Home screen

1. Touch and hold an empty area on your Home screen.
2. Tap **Themes**, then select a theme.

! When you change a theme, the background also changes in some applications.

Taking a screenshot

You can capture still images of any screen on your device as a screenshot. Screenshots you take are automatically saved in Album.

To take a screenshot

1. Press and hold down the power key and the volume down key simultaneously until you hear a clicking sound.
2. To view the screenshot, drag the status bar fully downwards.

Accessing and using applications

Open applications from shortcuts on your Home screen or from the Application screen.

Application screen

The Application screen, which you open from your Home screen, contains the applications that come pre-installed on your device, as well as the applications you download.

The Application screen extends beyond the regular screen width, so you need to flick left and right to view all content.

To open the Application screen

- From your Home screen, tap ⋮⋮⋮.

To browse the Application screen

- From the Application screen, flick right or left.

To open the Application screen menu

- When the Application screen is open, drag the left edge of the screen to the right.

To add an application shortcut to the Home screen

1. From the Application screen, touch and hold an application icon, then drag the icon to the top of the screen. The Home screen opens.
2. Drag the icon to the desired location on the Home screen, then release your finger.

Opening and closing applications

To open an application

- From your Home screen or the Application screen, tap the application.

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To close an application

- Press .

Some applications are paused when you press to exit, while other applications may continue to run in the background. In the first case, the next time you open the application, you can continue where you left off.

Recently used applications window

You can switch between recently used applications from this window. You can also open small apps.

To open the recently used applications window

- Press .

Using small apps

From the recently used applications window, you can get quick access to several small apps at any time using the small apps bar. A small app only takes up a small area of your screen. So you can interact with a small app and another application at the same time on the same screen.

To open the small apps bar

- Press .

To open a small app

1. To make the small apps bar appear, press .
2. Tap the small app that you want to open.

You can open several small apps at the same time.

To close a small app

- Tap on the small app window.

To move a small app

- When the small app is open, touch and hold the top left corner of the small app, then move it to the desired location.

To minimize a small app

- When the small app is open, touch and hold the top left corner of the small app, then drag it to the right edge or to the bottom edge of the screen.

To rearrange the small apps in the small apps bar

- Touch and hold a small app and drag it to the desired position.

To remove a small app from the small apps bar

- Touch and hold a small app, then drag it to .

To restore a previously removed small app

1. Open the small apps bar, then tap .
2. Touch and hold the small app you want to restore, then drag it into the small apps bar.

To download a small app

1. From the small apps bar, tap , then tap and tap .
2. Search for the small app that you want to download, then follow the instructions to download it and complete the installation.

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To add a widget as a small app

1. To make the small apps bar appear, press .
2. Tap > > .
3. Select a widget.
4. Enter a name for the widget, if desired, then tap **OK**.

Application menu

You can open a menu at any time when you are using an application. The menu will look different depending on which application you are using.

To open a menu in an application

- While using the application, press .

! A menu is not available in all applications.

Rearranging your Application screen

Move the applications around on the Application screen according to your preferences.

To arrange applications on the Application screen

1. To open the Application screen menu, drag the left edge of the Application screen to the right.
2. Select the desired option under **SHOW APPS**.

To move an application on the Application screen

1. To open the Application screen menu, drag the left edge of the Application screen to the right.
2. Make sure that **Own order** is selected under**SHOW APPS**.
3. Touch and hold the application until it magnifies, then drag it to the new location.

To uninstall an application from the Application screen

1. To open the Application screen menu, drag the left edge of the Application screen to the right.
2. Tap **Uninstall**. All uninstallable applications are indicated by .
3. Tap the application that you want to uninstall, then tap **Uninstall**.

Status and notifications

The status bar at the top of your screen shows what's going on in your device. To the left you get notifications when there is something new or ongoing. For example, calendar notifications appear here. The right side shows the signal strength, battery status, and other information.

The Notification panel allows you to adjust quick settings on your device, for example, Wi-Fi®, Bluetooth®, and sound. You can also open the settings menu from the Notification panel to customize quick settings, or change other settings.

A notification light also gives you battery status information and some notifications. The notification light may not work when the battery level is low.

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Checking notifications and ongoing activities

You can drag down the status bar to open the Notification panel and get more information. For example, you can use the panel to view a calendar event. You can also open some applications that run in the background, such as the music player.

To open the Notification panel

- Drag the status bar downwards.

To close the Notification panel

- Drag the tab at the bottom of the Notification panel upwards.

To take action on a notification

- Tap the notification.

To dismiss a notification from the Notification panel

- Place your finger on a notification and flick left or right.

To clear all notifications from the Notification panel

- Tap **Clear**.

Setting your device from the Notification panel

You can open the settings menu from the Notification panel to adjust device quick settings. For example, you can turn on Wi-Fi®.

To open the device settings menu from the Notification panel

1. Drag the status bar downward.
2. Tap .

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To adjust sound settings from the Notification panel

1. Drag the status bar downwards.
2. Tap .

To control the Bluetooth® function from the Notification panel

1. Drag the status bar downward.
2. Tap .

To control the Wi-Fi® function from the Notification panel

1. Drag the status bar downwards.
2. Tap .

To adjust brightness level from the Notification panel

1. Drag the status bar downwards.
2. Tap .

Customizing quick settings from the Notification panel

You can customize quick settings from the Notification panel by selecting the quick settings you want and rearranging their order. You can select up to 10 quick settings, or you can also select none of them.

To select quick settings from the Notification panel

1. Drag the status bar downward, then tap .
2. Find and tap **Personalization > Quick settings**.
3. Select the quick settings you want.

To rearrange the quick settings from the Notification panel

1. Drag the status bar downward, then tap .
2. Find and tap **Personalization > Quick settings**.
3. Touch and hold beside a quick setting, then move it to the desired position.

Accessing settings

View and change settings for your device from the Settings menu. The Settings menu is accessible from both the Notification panel and the Application screen.

To access your device settings

1. From your Home screen, tap .
2. Tap **Settings**.

You can also drag the status bar downward on the Home screen and tap to access your device settings.

Typing text

You can select from a number of keyboards and input methods to type text containing letters, numbers and other characters.

On-screen keyboard

Tap the keys of the on-screen QWERTY keyboard to enter text conveniently. Some applications open the on-screen keyboard automatically. You can also open this keyboard by touching a text field.

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Using the on-screen keyboard

1 Delete a character before the cursor.

2 Enter a carriage return or confirm text input.

3 Change the character case and turn on the caps lock. For some languages, this key is used to access extra characters in the language.

4 Shift to the movable small keyboard.

5 Enter a space.

6 Personalize your keyboard. This key disappears after the keyboard is personalized.

7 Display numbers and symbols.

All illustrations are for illustration purposes only and may not accurately depict the actual device.

To display the on-screen keyboard to enter text

- Tap a text entry field.

To hide the on-screen keyboard

- When the on-screen keyboard is open, tap ﹀.

To personalise the on-screen keyboard

1. Open the on-screen keyboard, then tap .
2. Follow the instructions to personalise your on-screen keyboard, for example, mark the **Smiley key** checkbox.

If you don't mark the **Smiley key** checkbox when you personalise the on-screen keyboard, the smiley icon will not appear.

To use the on-screen keyboard in landscape orientation

- When you enter text, turn the device sideways.

For the keyboard to support this feature, landscape mode must be supported by the application you are using, and your screen orientation settings must be set to automatic.

To enter text using the on-screen keyboard

- To enter a character visible on the keyboard, tap the character.
- To enter a character variant, touch and hold a regular keyboard character to get a list of available options, then select from the list. For example, to enter "é", touch and hold "e" until other options appear, then, while keeping your finger pressed on the keyboard, drag to and select "é".

To shift between upper-case and lower-case letters

- Before you enter a letter, tap ⇧ to switch to upper-case ⇧, or vice versa.

To turn on the caps lock

- Before you type a word, tap ⇧ or ⇧ until ⇪ appears.

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To enter numbers or symbols

- When you enter text, tap 12!?. A keyboard with numbers and symbols appears. Tap +=$ to view more options.

To enter common punctuation marks

1. When you finish entering a word, tap the space bar.
2. Select a punctuation mark from the candidate bar. The selected mark is inserted before the space.

To quickly enter a full stop, tap the space bar twice when you finish entering a word.

To delete characters

- Tap to place the cursor after the character you want to delete, then tap .

To enter a carriage return

- When you enter text, tap to enter a carriage return.

To switch between the full keyboard and the small keyboard

- When you enter text using the on-screen keyboard, tap or to switch between full keyboard and small keyboard.

Drag to move the small keyboard as you desired.

To select text

1. Enter some text, then double-tap the text. The word you tap gets highlighted by tabs on both sides.
2. Drag the tabs to the left or right to select more text.

To edit text

1. Enter some text, then double-tap the entered text to make the application bar appear.
2. Select the text that you want to edit, then use the tools in the application bar to make your desired changes.

Application bar

1	Close the application bar
2	Select all text
3	Cut text
4	Copy text
5	Paste text

only appears when you have text stored on the clipboard.

Using the Gesture input function to write words

You can input text by sliding your finger from letter to letter on the on-screen keyboard.

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To change the Gesture input settings

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings**.
3. Tap **Text input settings**.
4. Mark or unmark the **Gesture input** checkbox.
5. If you want to automatically add a space between gestures without having to tap the space bar each time, mark the **Space between gestures** checkbox.

To enter text using the Gesture input function

1. When the on-screen keyboard is displayed, slide your finger from letter to letter to trace the word that you want to write.
2. After you finish entering a word, lift up your finger. A word suggestion appears based on the letters that you have traced.
3. If the word that you want does not appear, tap to see other options and select accordingly. If the desired option does not appear, delete the entire word and trace it again, or enter the word by tapping each letter individually.

Keyboard settings

You can select settings for the on-screen keyboard, such as writing language and automatic correction.

To access the on-screen keyboard and Phonepad settings

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings**.

To add a writing language for text input

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings**.
3. Tap **Writing languages** and mark the relevant checkboxes.
4. Tap **OK** to confirm.

Text input settings

When entering text using the on-screen keyboard, you can access a text input settings menu that helps you set options for text prediction, automatic spacing and quick fixes. For example, you can decide how word options are presented and how words get corrected as you type. You can also set the text input application to remember new words that you write.

To change the text input settings

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings > Text input settings** and select the relevant settings.

Entering text using voice input

When you enter text, you can use the voice input function instead of typing the words. Just speak the words that you want to enter. Voice input is an experimental technology from Google™, and is available for a number of languages and regions.

To enable voice input

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings**.
3. Mark the **Google voice typing key** checkbox.
4. Tap to save your settings. A microphone icon appears on your on-screen keyboard.

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To enter text using voice input

1. Make sure that the voice input function is enabled and that you have a working data connection.
2. When appears on your on-screen keyboard or Phonepad, tap it. When the input language key, for example, EN, appears, touch and hold it.
3. When appears, speak to enter text. When you're finished, tap again. The suggested text appears.
4. Edit the text manually if necessary.

Customizing your device

You can adjust several device settings to suit your own needs. For example, you can change the language, adjust the volume, or change the screen brightness.

Adjusting the volume

You can adjust the volume for notifications as well as for music and video playback.

To adjust the media playing volume with the volume key

- When playing music or watching video, press the volume key up or down.

Adjusting the sound settings

You can adjust several sound settings. For example, you can set your device to silent mode so that it doesn't ring when you're in a meeting. You can also enhance the sound quality, for example, by turning on the surround sound feature.

To set your device to silent mode

1. Press and hold down the power key until the options menu opens.
2. In the options menu, tap . appears in the status bar.

To enable touch tones

1. From your Home screen, tap .
2. Find and tap **Settings** > **Sound**.
3. Mark the **Touch sounds** checkbox.

To select the notification sound

1. From your Home screen, tap .
2. Find and tap **Settings** > **Sound** > **Notification sound**.
3. Select the sound to be played when notifications arrive.
4. Tap **Done**.

Date and time

You can change the date and time on your device.

To set the date manually

1. From the Home screen, tap .
2. Find and tap **Settings** > **Date & time**.
3. Unmark the **Automatic date & time** checkbox, if it is marked.
4. Tap **Set date**.
5. Adjust the date by scrolling up and down.
6. Tap **Set**.

To set the time manually

1. From your Home screen, tap .
2. Find and tap **Settings** > **Date & time**.
3. Unmark the **Automatic date & time** checkbox if it is marked.
4. Tap **Set time**.
5. Scroll up or down to adjust the hour and minute.
6. If applicable, scroll up to change **AM** to **PM**, or vice versa.
7. Tap **Set**.

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To set the time zone

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **Date & time**.
3. Tap **Select time zone**.
4. Select an option.

Screen settings

To adjust the screen brightness

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **Display** > **Brightness**.
3. Unmark the **Adapt to lighting conditions** checkbox if it is marked.
4. Drag the slider to adjust the brightness.

Lowering the brightness level increases battery performance.

To adjust the idle time before the screen turns off

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **Display** > **Sleep**.
3. Select an option.

To turn off the screen quickly, briefly press the power key ⏻.

Language settings

You can select a default language for your device and change it again at a later time.

To change the language

1. From the Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **Language & input** > **Language**.
3. Select an option.
4. Tap **OK**.

If you select the wrong language and cannot read the menu texts, find and tap ✕. Then select the text beside ⌨ and select the first entry in the menu that opens. You can then select the language you want.

Airplane mode

In Airplane mode, the network and radio transceivers are turned off to prevent disturbance to sensitive equipment. However, you can still play games, listen to music, watch videos and other content, as long as all this content is saved on your memory card or internal storage. You can also be notified by alarms, if alarms are activated.

Turning on Airplane mode reduces battery consumption.

To turn on Airplane mode

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **More…**.
3. Mark the **Airplane mode** checkbox.

You can also press and hold down the power key ⏻ and then select **Airplane mode** in the menu that opens.

Memory

You can save content to your device's internal storage and to a memory card.

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Memory card

Your device supports a microSD™ memory card, which is used for storing content. This type of card can also be used as a portable memory card with other compatible devices.

! You may have to purchase a memory card separately.

Safely removing the memory card

You can safely remove the memory card from your device any time when the device is turned off. If you want to remove the memory card when your device is on, you must first unmount the memory card before you physically remove it from the device. This can prevent damaging the memory card or losing data stored on the memory card.

To unmount the memory card

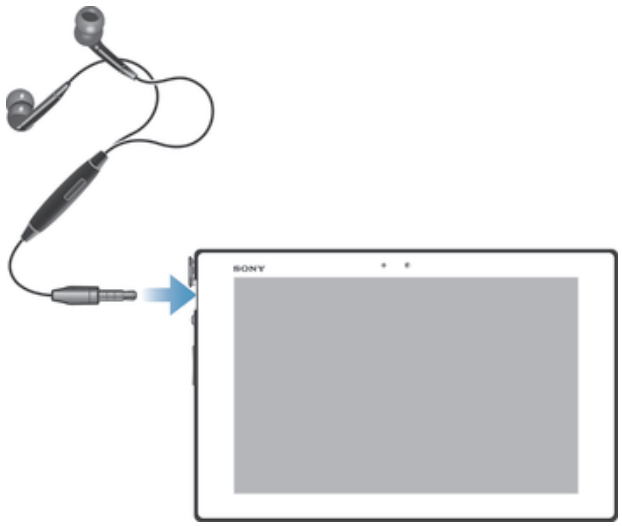
1 Drag the status bar downward, then tap .
2 Find and tap **Storage** > **Unmount SD card**.

Formatting the memory card

You can format the memory card in your device, for example, to free up memory. This means that you erase all data on the card.

! All content on the memory card gets erased when you format it. Make sure you make backups of everything you want to save before formatting the memory card. To back up your content, you can copy it to your computer. For more information, refer to the chapter *Connecting your device to a computer* on page 73.

Using a headset



! Use the accessories provided with your device, or other compatible accessories, for optimal performance.

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Google Play™

Getting started with Google Play™

Open Google Play™ and enter a world of applications and games. You can browse these applications and games through different categories. You can also rate an application or game and send feedback on it.

To use Google Play™, you need to have a Google™ account. See *To set up a Google™ account on your device* on page 38.

! Google Play™ may not be available in all countries or regions

To open Google Play™

1 From the Home screen, tap ⋮⋮⋮.
2 Find and tap **Play Store**.

Downloading from Google Play™

You can download all kinds of applications from Google Play™, including free applications.

Before you download applications

Before you start downloading from Google Play™, make sure that you have a working Internet connection.

Also, remember that you might incur data traffic charges when you download content to your device. Contact your operator for more information.

To download a free application

1 In Google Play™, find an item you wish to download by browsing categories, or by using the search function.
2 Tap the item to view its details, and follow the instructions to complete the installation.

To download a paid application

1 In Google Play™, find an item you wish to download by browsing categories, or by using the search function.
2 Tap the item to view its details, and follow the instructions to complete your purchase.

Clearing your application data

You may sometimes need to clear data for an application. This might happen if, for example, the application memory becomes full, or you want to clear high scores for a game. You might also want to erase incoming email, text and multimedia messages in some applications.

To clear all cache for an application

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings**.
3 Tap **Apps**.
4 Tap the application for which you want to clear all cache.
5 Tap **Clear cache**.

! It is not possible to clear the cache for some applications.

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To delete an installed application

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings**.
3. Tap **Apps**.
4. Select the application you want to delete.
5. Tap **Uninstall**.

! It is not possible to delete some preinstalled applications.

Permissions

Some applications may need to access data, settings, and various functions on your device in order to work properly. If so, then they need the relevant permissions from you. For example, a navigation application needs permissions to send and receive data traffic, and access your location. Some applications might misuse their permissions by stealing or deleting data, or by reporting your location. Make sure you only install and give permissions to applications you trust.

To view permissions of an application

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings**.
3. Tap **Apps**.
4. Tap the desired application.
5. Scroll down to view the relevant details under **Permissions**.

Installing applications not from Google Play™

Installing applications of unknown or unreliable origin can damage your device. By default, your device is set to block such installations. However, you can change this setting and allow installations from unknown sources.

! Sony does not warrant or guarantee the performance of any third-party applications or content transferred via download or other interface to your device. Similarly, Sony is not responsible for any damage or reduced performance of your device attributable to the transfer of third-party content. Only use content from reliable sources. Contact the content provider if you have any questions or concerns.

To allow the installation of applications not from Google Play™

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **Security**.
3. Mark the **Unknown sources** checkbox.

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Contacts

Transferring contacts using a computer

Xperia™ Transfer and Contacts Setup are applications within the PC Companion and the Sony™ Bridge for Mac applications which help you to gather contacts from your old device and transfer them to your new device. The applications support several device brands, including iPhone, Samsung, HTC, BlackBerry, LG, Motorola and Nokia.

You need:

- An Internet-connected computer.
- A USB cable for your old device.
- A USB cable for your new Android™ device.
- Your old device.
- Your new Android™ device.

To transfer contacts to your new device using a computer

1. Make sure that *PC Companion* is installed on the PC or that *Sony™ Bridge for Mac* is installed on the Apple® Mac® computer.
2. Open the PC Companion application or the Sony™ Bridge for Mac application, then click *Xperia™ Transfer* or *Contacts Setup* and follow the instructions to transfer your contacts.

Synchronizing contacts with your device

If you have synced the contacts from your old device or from a computer with an online synchronization account, for example, Google Sync™, Microsoft® Exchange ActiveSync® or Facebook™, you can transfer these contacts to your new device using that account.

To synchronize contacts to your new device using a synchronization account

1. From your Home screen, tap ⋮⋮⋮, then tap .
2. Tap ⋮, then tap **Settings > Accounts & sync**.
3. If you have already set up a synchronization account and you want to sync with that account, tap the account, then tap ⋮, and tap **Sync now**.

Other methods for transferring contacts

Refer to the User guide of your old device for information about how to copy contacts to a memory card or initiate a transfer of contacts using Bluetooth®.

To import contacts from a memory card

1. From your Home screen, tap ⋮⋮⋮, then tap .
2. Press ⋮, then tap **Import contacts > SD card**.
3. If you have set up a synchronization account, you can add the imported memory card contacts under that account. Or you can choose to only use the imported contacts on your device. Select your desired option.
4. If you have more than one vCard file on the SD™ card, a list appears showing different batches of contacts saved on your device, with the corresponding dates for when they were created. Select the batch that you want to import.

To receive contact data sent using Bluetooth® technology

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1 Make sure you have the Bluetooth® function turned on and your device set to visible.
2 When you are asked to confirm whether you want to receive the file, tap **Accept**.
3 Drag down the Notification panel and tap the file you received to import the contact data.

Avoiding duplicate entries in the Contacts application

If you synchronize your contacts with a new account or import contact information in other ways, you could end up with duplicate entries in the Contacts application. If this happens, you can join such duplicates to create a single entry. And if you join entries by mistake, you can separate them again later.

To link contacts

1 From your Home screen, tap , then tap .
2 Tap the contact you want to link with another contact.
3 Press , then tap **Link contact**.
4 Tap the contact whose information you want to join with the first contact, then tap **OK** to confirm. The information from the first contact is merged with the second contact, and the first contact is no longer displayed in the Contacts list.

To separate linked contacts

1 From your Home screen, tap , then tap .
2 Tap the linked contact that you want to edit, then tap .
3 Tap **Unlink contact** > **Unlink**.

Adding and editing contacts

You can create, edit, and synchronize your contacts in a few simple steps. You can select contacts saved in different accounts and manage how you display them on your device.

If you synchronize your contacts with more than one account, you can join contacts on your device to avoid duplicates.

Some synchronization services, for example, some social networking services, do not allow you to edit contact details.

To add a contact

1 From your Home screen, tap , then tap .
2 Tap .
3 If you have synchronized your contacts with one or more accounts and you are adding a contact for the first time, you must select the account you want to add this contact to. Alternatively, tap **Phone contact** if you only want to use and save this contact on your device.
4 Enter or select the desired information for the contact.
5 When you are finished, tap **Done**.

After you select a synchronization account in step 3, that account will show as the default account offered the next time you add a contact, but you can change the account by editing the contact after it is saved.

If you add a plus sign and the country code before a contact's phone number, you do not have to edit the number again when you make calls from other countries.

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To edit a contact

1 From your Home screen, tap , then tap .
2 Tap the contact that you want to edit, then tap .
3 Edit the desired information.
4 When you are done, tap **Done**.

Some synchronization services do not allow you to edit contact details.

To associate a picture with a contact

1 From your Home screen, tap , then tap .
2 Tap the contact you want to edit, then tap .
3 Tap and select the desired method for adding the contact picture.
4 When you have added the picture, tap **Done**.

You can also add a picture to a contact directly from the **Album** application.

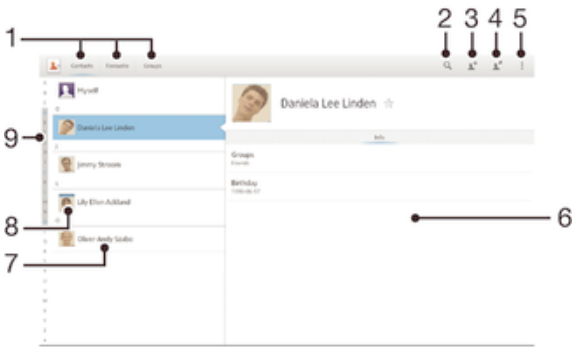
To delete contacts

1 From your Home screen, tap , then tap .
2 Touch and hold the contact that you want to delete.
3 To delete all contacts, tap the downward arrow to open the drop-down menu, then select **Mark all**.
4 Tap , then tap **Delete**.

To edit contact information about yourself

1 From your Home screen, tap , then tap .
2 Tap **Myself**, then tap .
3 Enter the new information or make the changes you want.
4 When you are done, tap **Done**.

Searching and viewing contacts



1	Shortcut tabs
2	Search for contacts
3	Create a contact
4	Edit a contact's details
5	Open more options
6	Contact details display area
7	Tap a contact to view its details
8	Contact's thumbnail
9	Alphabetical index for browsing contacts

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To search for a contact

1. From your Home screen, tap , then tap .
2. Tap and enter the first few letters of the contact name in the **Search contacts** field. All contacts beginning with those letters appear.

To select which contacts to display in the Contacts application

1. From your Home screen, tap , then tap .
2. Tap , then tap **Filter**.
3. In the list that appears, mark and unmark the desired options. If you have synchronized your contacts with a synchronization account, that account appears in the list.
4. When you are finished, tap **Done**.

Favorites and groups

You can mark contacts as favorites so that you can get quick access to them from the Contacts application. You can also assign contacts to groups, to get quicker access to them from within the Contacts application.

To mark or unmark a contact as a favorite

1. From the Home screen, tap , then tap .
2. Tap the contact you want to add to or remove from your favorites.
3. Tap ☆.

To view your favorite contacts

1. From your Home screen, tap , then tap .
2. Tap **Favorites**.

To assign a contact to a group

1. In the Contacts application, tap the contact that you want to assign to a group.
2. Tap , then tap the bar directly under **Groups**.
3. Mark the checkboxes for the groups you want to add the contact to.
4. Tap **Done**.

Sending contact information

To send your business card

1. From your Home screen, tap , then tap .
2. Touch and hold **Myself**.
3. Tap , then select a transfer method and follow the on-screen instructions.

To send a contact

1. From your Home screen, tap , then tap .
2. Touch and hold the contact whose details you want to send.
3. Tap , then select a transfer method and follow the on-screen instructions.

To send several contacts at once

1. From your Home screen, tap , then tap .
2. Press , then tap **Mark several**.
3. Mark the contacts you want to send, or select all if you want to send all contacts.
4. Tap , then select an available transfer method and follow the on-screen instructions.

Backing up contacts

You can use a memory card or an online synchronization tool such as Microsoft® Exchange ActiveSync® to back up contacts.

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To export all contacts to a memory card

1. From your Home screen, tap ⋮⋮⋮, then tap .
2. Press , then tap **Export contacts > SD card**.
3. Tap **OK**.

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Email

Getting started with Email

You can handle several email accounts at the same time using the Email application, including corporate Microsoft Exchange Active Sync accounts. Emails you receive to your Gmail™ account can be accessed on your device from both the Email and the Gmail™ applications.

Using email accounts

To set up an email account

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Email**.
3. Follow the instructions that appear on the screen to complete the setup.

For some email services, you may need to contact your email service provider for information on detailed settings for the email account.

To set an email account as your default account

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Email**.
3. Press ⋮, then tap **Settings**.
4. Select the account you want to use as the default account for composing and sending email messages.
5. Mark the **Default account** checkbox. The inbox of the default account appears every time you open the email application.

If you only have one email account, this account is automatically the default account.

To add an extra email account

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Email**.
3. If you are using several email accounts, tap ✉, then tap **Add account**.
4. Enter the email address and password, then tap **Next**. If the settings for the email account cannot be downloaded automatically, complete the setup manually.
5. When prompted, enter a name for your email account so that it is easily identifiable.
6. When you are finished, tap **Next**.

To remove an email account from your device

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Email**.
3. Press ⋮, then tap **Settings**.
4. Select the account you want to remove.
5. Tap **Delete account** > **OK**.

Gmail™ and other Google™ services

If you have a Google™ account, you can use the Gmail™ application on your device to read, write, and organize email messages. After you set up your Google™ account to work on your device, you can also chat to friends using the Google Talk™ application, synchronize your calendar application with your Google Calendar™, and download applications and games from Google Play™.

The services and features described in this chapter may not be supported in all countries or regions, or by all networks and/or service providers in all areas.

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To set up a Google™ account on your device

1 From your Home screen, tap .
2 Find and tap **Settings > Add account > Google**.
3 Follow the registration wizard to create a Google™ account, or sign in if you already have an account.

You can also sign in to or create a Google™ account from the setup guide the first time you start your device. Or you can go online and create an account at *www.google.com/accounts*.

To open the Gmail™ application

1 From the Home screen, tap .
2 Find and tap **Gmail**.

Using e-mail

To create and send an email message

1 From your Home screen, tap , then find and tap **Email**.
2 If you are using several email accounts, tap and select the account from which you want to send the email, then tap **Inbox** in the drop down menu.
3 Tap , then type the recipient's name or email address, or tap and select one or more recipients from your Contacts list.
4 Enter the email subject and message text, then tap .

To download new email messages

1 From your Home screen, tap .
2 Find and tap **Email**.
3 If you are using several email accounts, tap and select the **Inbox** of the account that you want to check.
4 To download new messages, tap .

When the inbox is open, swipe downwards on the screen to refresh the message list.

To read your email messages

1 From your Home screen, tap .
2 Find and tap **Email**.
3 If you are using several email accounts, tap and select the account that you want to check, then tap **Inbox** in the drop down menu. If you want to check all your email accounts at once, tap , then tap **Combined inbox**in the drop down menu.
4 In the email inbox, scroll up or down and tap the email message that you want to read.

To view an email message attachment

1 Find and tap the email message containing the attachment that you want to view. Email messages with attachments are indicated by .
2 After the email message opens, tap **Load**, The attachment starts to download.
3 After the attachment finishes downloading, tap **View**.

To save a sender's email address to your contacts

1 From your Home screen, tap .
2 Find and tap **Email**.
3 Find and tap a message in your email inbox.
4 Tap the name of the sender, then tap **OK**.
5 Select an existing contact, or tap **Create new contact**.
6 Edit the contact information, if desired, then tap **Done**.

To reply to an email message

1 In your email inbox, find and tap the message that you want to reply to, then tap **Reply** or **Reply all**.
2 Enter your reply, then tap .

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To forward an email message

1. In your email inbox, find and tap the message that you want to forward, then tap **Forward**.
2. Enter the recipient's email address manually, or tap and select a recipient from your Contacts list.
3. Enter your message text, then tap .

To delete an email message

1. In your email inbox, mark the checkbox for the message that you want to delete, then tap .
2. Tap **Delete**.

In the email inbox view, you can also flick a message to the right to delete it.

To search for emails

1. From your Home screen, tap , then find and tap **Email**.
2. If you are using several email accounts, tap and select the name of the account that you want to check, then tap **Inbox** in the drop down menu. If you want to search all your email accounts at once, tap , then tap **Combined view**.
3. Tap .
4. Enter your search text, then tap on the keyboard.
5. The search result appears in a list sorted by date. Tap the email message that you want to open.

To change the inbox check frequency

1. From your Home screen, tap .
2. Find and tap **Email**.
3. Tap , then tap **Settings**.
4. Select the account for which you want to change the inbox check frequency.
5. Tap **Inbox check frequency** > **Check frequency** and select an option.

To set an Out of Office auto-reply in an Exchange Active Sync account

1. From your Home screen, tap , then find and tap **Email**.
2. Press , then tap **Settings**.
3. Select the EAS (Exchange Active Sync) account for which you want to set an Out of Office auto-reply.
4. Tap **Out of office**.
5. Tap beside **Out of office** so that changes to .
6. If needed, mark the **Set time range** checkbox and set the time range for the auto reply.
7. Enter your Out of Office message in the body text field.
8. Tap **OK** to confirm.

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Socialife™

Using the Socialife™ application

Use the Socialife™ application from Sony to get your favorite news, videos and social networking feeds in one place. The Socialife™ home screen gives a clear overview of friends' Facebook and Twitter activity, plus news feeds that you have subscribed to. It color codes and sizes articles for easy reading, adding photos and cropping images of your friends' faces to illustrate each story.

! The Socialife™ application is not available in all markets.

To open the Socialife™ application

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap .

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Music

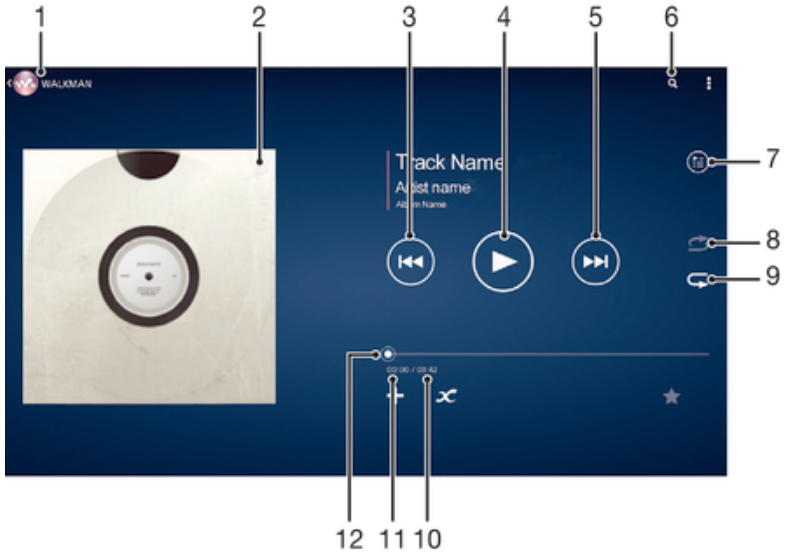
Transferring music to your device

There are different ways to get music from a computer to your device:

- Connect the device and computer using a USB cable and drag and drop music files directly into the file manager application on the computer. See *Connecting your device to a computer* on page 73.
- If the computer is a PC, you can use the Media Go™ application from Sony and organize your music files, create playlists, subscribe to podcasts, and more. To learn more and download the Media Go™ application, go to http://mediago.sony.com/enu/features.
- If the computer is an Apple® Mac®, you can use the Sony™ Bridge for Mac application to transfer your media files from iTunes to your device. To learn more and download Sony™ Bridge for Mac, go to *www.sonymobile.com/global-en/tools/bridge-for-mac/*.

Listening to music

Use the "WALKMAN" application to listen to your favorite music and audio books.



1	Browse your music
2	Album art (if available)
3	Tap to go to the previous song in the play queue. Touch and hold to rewind within the current song
4	Play or pause a song
5	Tap to go to the next song in the play queue. Touch and hold to fast forward within the current song
6	Search songs on Music Unlimited and all songs saved to your device
7	View the current play queue
8	Shuffle songs in the current play queue
9	Repeat all songs in the current play queue
10	Total time length of current song
11	Elapsed time of current song
12	Progress indicator – Drag the indicator or tap along the line to fast forward or rewind

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To play a song

1. From your Home screen, tap ⋮⋮⋮, then find and tap .
2. If the WALKMAN home screen is not displayed, tap .
3. Select a music category, for example, under **Artists**, **Albums**, or **Songs**, then browse to the song that you want to open.
4. Tap a song to play it.

! You might not be able to play copyright-protected items. Please verify that you have necessary rights in material that you intend to share.

To find song-related information online

- While a song is playing in the "WALKMAN" application, tap the album art to display the infinite button , then tap .

The infinite button gives you access to several sources of information including videos on YouTube™, lyrics, and artist info on Wikipedia.

To adjust the audio volume

- Press the volume key.

To minimize the "WALKMAN" application

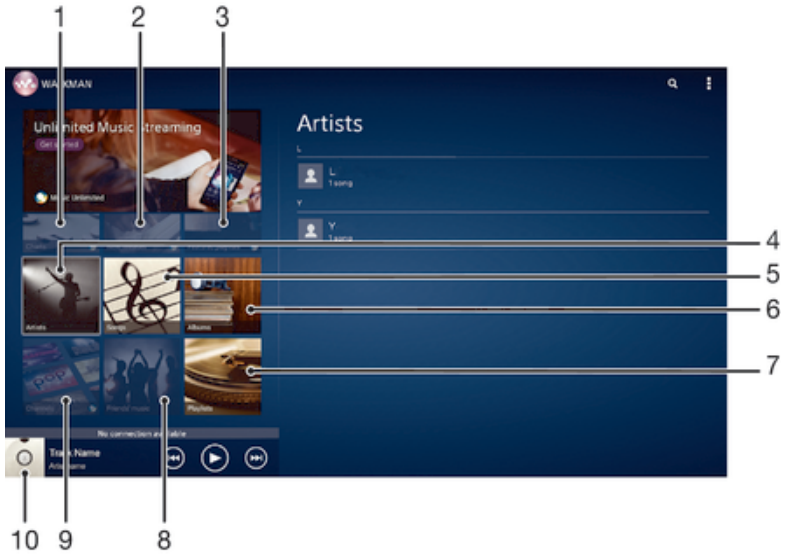
- When a song is playing, tap to go to the Home screen. The "WALKMAN" application stays playing in the background.

To open the "WALKMAN" application when it is playing in the background

1. While a song is playing in the background, tap the to open the recently used applications window.
2. Tap the "WALKMAN" application.

WALKMAN home screen

The WALKMAN home screen gives you an overview of all the songs on your device as well as of the songs available on Music Unlimited. From here you can manage your albums and playlists, create shortcuts, and organize your music by mood and tempo using SensMe™ channels.



1	Charts provided by Music Unlimited
2	New releases provided by Music Unlimited
3	Featured playlists provided by Music Unlimited
4	Browse your music by artist

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5	Browse your music by song
6	Browse your music by album
7	Browse all playlists
8	Collect links to music and related content that you and friends have shared using online services
9	Manage and edit your music using Music Unlimited channels
10	Open the "WALKMAN" music player

Sony Entertainment Network with Video Unlimited and Music Unlimited is not available in every market. Separate subscription required. Additional terms and conditions apply.

To display the WALKMAN home screen

1. From the Home screen, tap > .
2. If the WALKMAN home screen is not displayed, tap .

To add a shortcut to a song

1. From the WALKMAN home screen, browse to the song you want to create a shortcut for.
2. Touch and hold the song title.
3. Tap **Add as shortcut**. The shortcut now appears in the WALKMAN home screen.

You cannot add shortcuts to songs from Music Unlimited.

To rearrange shortcuts

- From the WALKMAN home screen, touch and hold a shortcut until it magnifies, then drag the item to a new location.

To delete a shortcut

- From the WALKMAN home screen, touch and hold a shortcut until it magnifies, then drag the item to .

You can only delete shortcuts that you create yourself.

You can also drag default shortcuts to but they only get hidden, not deleted.

To update your music with the latest information

1. From the WALKMAN home screen, tap .
2. Tap **Download music info > Start**. Your device searches online and downloads the latest available album art and song information for your music.

The SensMe™ channels application is activated when you download music information.

To enable the SensMe™ channels application

- From the WALKMAN home screen, tap , then tap **Download music info > Start**.

This application requires a Wi-Fi® network connection.

To delete a song

1. Open the WALKMAN home screen, then browse to the song you want to delete.
2. Touch and hold the song title, then tap **Delete**.

You can also delete albums this way.

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Playlists

On the WALKMAN home screen, you can create your own playlists from the music that is saved on your device.

To create your own playlists

1. Open the WALKMAN home screen.
2. To add an artist, album, or a song to a playlist, touch and hold the name of the artist or the title of the album or song.
3. In the menu that opens, tap **Add to > Create new playlist**.
4. Enter a name for the playlist and tap **OK**.

You can also tap the album art and then tap ➕ to create a new playlist.

To play your own playlists

1. Open the WALKMAN home screen, then tap **Playlists**.
2. Under **Playlists**, tap a playlist.
3. Tap a song to play it.

To add songs to a playlist

1. Open the WALKMAN home screen.
2. Browse to the song or album that you want to add to a playlist, then touch and hold the song or the album title.
3. Tap **Add to**.
4. Tap the name of the playlist you want to add the album or song to. The album or song is added to the playlist.

To remove a song from a playlist

1. In a playlist, touch and hold the title of the song you want to delete.
2. Tap **Delete from playlist** from the list that appears.

To delete a playlist

1. Open the WALKMAN home screen, then tap **Playlists**.
2. Touch and hold the playlist that you want to delete.
3. Tap **Delete**.
4. Tap **Delete** again to confirm.

You cannot delete default playlists.

Sharing music

To send a song

1. Open the WALKMAN home screen.
2. Browse to the song or album that you want to send, then touch and hold the song title.
3. Tap **Share**.
4. Select an application from the list, then follow the on-screen instructions.

You can also send albums and playlists in the same way.

Sharing music on Facebook™

The Friends' music function collects links to music and music-related content that you and your friends have shared using Facebook™.

To "Like" a song on Facebook™

1. While the song is playing in the "WALKMAN" application, tap the album art.
2. Tap to show that you "Like" the song on Facebook™. If desired, add a comment in the comments field.
3. Tap **Share** to send the song to Facebook™. If the song is received successfully, you will get a confirmation message from Facebook™.

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To manage music from your friends

1. Open the WALKMAN home screen, then tap **Friends' music** > **Recent**.
2. Tap an item to open it, then work on it as desired.
3. Tap to show that you "Like" the song on **Facebook™**. If desired, add a comment in the comments field.

To view your shared music

1. Open the WALKMAN home screen, then tap **Friends' music** > **My shares**.
2. Scroll to an item that you want to open, then tap it. All comments about the item, if any, are displayed.

Enhancing the sound

To improve the sound quality using the Equalizer

1. When a song is playing in the "WALKMAN" application, tap .
2. Tap **Settings** > **Sound effects** > **Sound enhancements**.
3. To adjust the sound manually, drag the frequency band buttons up or down. To adjust the sound automatically, tap and select a style.

To turn on the surround sound feature

1. When the "WALKMAN" application is open, tap .
2. Tap **Settings** > **Sound enhancements** > **Surround sound (VPT)**.
3. Select a setting, then tap **OK** to confirm.

Visualizer

The Visualizer adds visual effects to your songs as you play them. The effects for each song are based on the characteristics of the music. They change, for example, in response to changes in the music's volume, rhythm, and frequency level. You can also change the background theme.

To turn on the Visualizer

1. In the "WALKMAN" application, tap .
2. Tap **Visualizer**.

Tap the screen to switch to full-screen view.

To change the background theme

1. In the "WALKMAN" application, tap .
2. Tap **Visualizer**.
3. Tap > **Theme** and select a theme.

Recognizing music with TrackID™

Use the TrackID™ music recognition service to identify a music track you hear playing in your surroundings. Just record a short sample of the song and you'll get artist, title, and album info within seconds. You can purchase tracks identified by TrackID™ and you can view TrackID™ charts to see what TrackID™ users around the globe are searching for. For best results, use TrackID™ technology in a quiet area.

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1	View TrackID options
2	View current music charts
3	View the search result history
4	Record and identify music

The TrackID™ application and the TrackID™ service are not supported in all countries/regions, or by all networks and/or service providers in all areas.

To identify music using TrackID™ technology

1. From your Home screen, tap ⋮⋮⋮
2. Find and tap **TrackID™**, then hold your device towards the music source.
3. Tap . If the track is recognized by the TrackID™ service, the results appear on the screen.

To return to the **TrackID™** start screen, press ⮌.

To view TrackID™ charts

- Open the **TrackID™** application, then tap **Charts**. A chart from your own region is shown.

To view TrackID™ charts from another region

1. Open the **TrackID™** application, then tap **Charts**.
2. Tap ⋮ > **Regions**, then select a country or region.

To share a track

1. After a track has been recognized by the **TrackID™** application, tap **Share**, then select a sharing method.
2. Follow the instructions on your device to complete the procedure.

To view artist information for a track

- After a track has been recognized by the **TrackID™** application, tap **Artist info**.

To delete a track from the track history

1. When the **TrackID™** application is open, tap **History**, then tap a track title.
2. In the track information screen, tap ⋮, then tap **Delete**.
3. Tap **Yes**.

Music Unlimited online service

Music Unlimited is a subscription-based service that offers access to millions of songs over a Wi-Fi® connection. You can manage and edit your personal music library in the cloud from a variety of devices, or sync your playlists and music using a PC that runs

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the Windows® operating system. Go to *www.sonyentertainmentnetwork.com* for more information.

! Sony Entertainment Network with Video Unlimited and Music Unlimited is not available in every market. Separate subscription required. Additional terms and conditions apply.

To get started with Music Unlimited

1 Open the **WALKMAN** home screen.
2 Tap **Music Unlimited**, then follow the on-screen instructions to get started with the Music Unlimited service.

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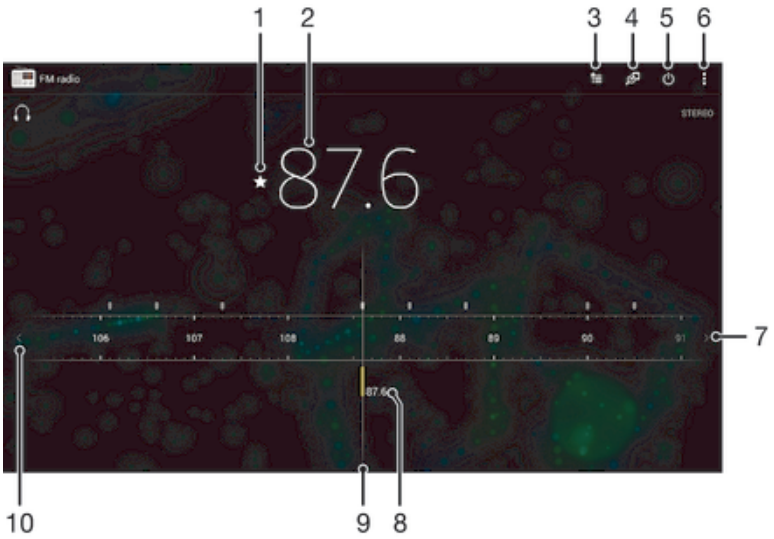
FM radio

Listening to the radio

The FM radio in your device works like any FM radio. For example, you can browse and listen to FM radio stations and save them as favorites. You must connect a wired headset or headphones to your device before you can use the radio. This is because the headset or headphones act as an antenna. After one of these devices is connected, you can then switch the radio sound to the speaker, if desired.



1	Save or remove a channel as a favorite
2	Tuned frequency
3	Favorites list
4	Identify a song using TrackID™
5	Radio on/off button
6	View menu options
7	Move right the frequency band to search for a channel
8	A saved favorite channel
9	Tuning dial
10	Move left the frequency band to search for a channel

To listen to the FM radio

1. Connect a headset or a set of headphones to your device.
2. From your Home screen, tap ⋮⋮⋮.
3. Find and tap **FM radio**. The available channels appear as you scroll through the frequency band.

! When you start the FM radio, available channels appear automatically. If a channel has RDS information, it appears a few seconds after you start listening to the channel.

To move between radio channels

- Drag the frequency band left or right.

To start a new search for radio channels

1. When the radio is open, press ⋮.
2. Tap **Search for channels**. The radio scans the whole frequency band, and all available channels are displayed.

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To switch the radio sound to the speaker

1 When the radio is open, press .
2 Tap **Play in speaker**.

To switch the sound back to the wired headset or headphones, press and tap **Play in headphones**.

To identify a song on the FM radio using TrackID™

1 While the song is playing on your device's FM radio, tap .
2 A progress indicator appears while the TrackID™ application samples the song. If successful, you are presented with a track result, or a list of possible tracks.
3 Press to return the FM Radio.

The TrackID™ application and the TrackID™ service are not supported in all countries/regions, or by all networks and/or service providers in all areas.

Favorite radio channels

To save a channel as a favorite

1 When the radio is open, navigate to the channel that you want to save as a favorite.
2 Tap ☆.
3 Enter a name and select a color for the channel, then press **Save**.

To listen to a favorite radio channel

1 Tap .
2 Select an option.

To remove a channel as a favorite

1 When the radio is open, navigate to the channel that you want to remove.
2 Tap ☆, then tap **Delete**.

Sound settings

To switch between mono and stereo sound mode

1 When the radio is open, press .
2 Tap **Enable stereo sound**.
3 To listen to the radio in mono sound mode again, press and tap **Force mono sound**.

To select the radio region

1 When the radio is open, press .
2 Tap **Set radio region**.
3 Select an option.

To adjust the Visualizer

1 When the radio is open, tap .
2 Tap **Visualizer**.
3 Select an option.

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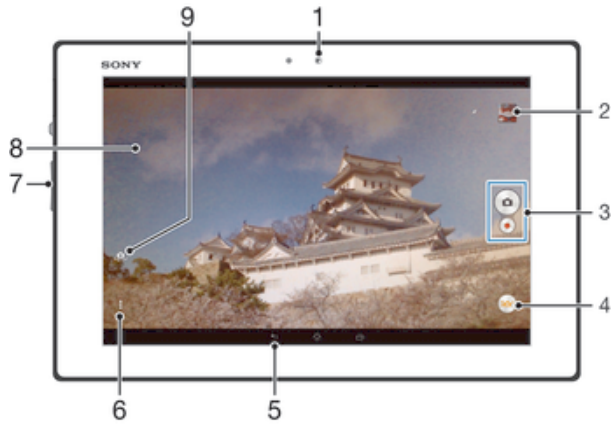
Camera

Camera controls overview



1	Front camera
2	View photos and videos
3	Take photos or record video clips
4	Camera setting icons
5	Go back a step or exit the camera
6	Display all settings
7	Zoom in or out
8	Main camera screen
9	Switch between front and main camera

To take a photo from the lock screen

1. To activate the screen, briefly press the power key .
2. To activate the camera, swipe to the left in the upper part of the screen.
3. After the camera opens, tap .

To take a photo by tapping the on-screen camera button

1. Activate the camera.
2. Point the camera toward the subject.
3. Tap the on-screen camera button . The photo is taken as soon as you release your finger.

To take a self-portrait using the front camera

1. Activate the camera.
2. Tap the icon on the top left of the screen, then find and select **Front camera**.
3. To take the photo, press the camera key. The photo is taken as soon as you release your finger.

To record a video by tapping the screen

1. Activate the camera.
2. Point the camera toward the subject.
3. Tap to start recording.
4. Tap to stop recording.

! This function is only available in **Superior auto** capturing mode.

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To view your photos and videos

1. Activate the camera, then tap a thumbnail to open a photo or video.
2. Flick left or right to view your photos and videos.

To delete a photo or recorded video

1. Browse to the photo or video that you want to delete.
2. Tap the screen to make appear.
3. Tap .
4. Tap **Delete** to confirm.

Face detection

You can use face detection to bring an off-center face into focus. The camera automatically detects up to five faces, indicated by white frames. A yellow frame shows which face has been selected for focus. Focus is set to the face closest to the camera. You can also tap one of the frames to select which face should be in focus.

To turn on face detection

1. Activate the camera.
2. Tap , then select .
3. Tap , then tap .
4. Tap **Focus mode** > **Face detection**.

To take a photo using face detection

1. When the camera is open and **Face detection** turned on, point the camera at your subject. Up to five faces can be detected, and each detected face is framed.
2. Press the camera key halfway down. A yellow frame shows which face is in focus.
3. To take the photo, press the camera key fully down.

Using Smile Shutter™ to capture smiling faces

Use Smile Shutter™ technology to photograph a face just as it smiles. The camera detects up to five faces and selects one face for smile detection and auto focus. When the selected face smiles, the camera automatically takes a photo.

To turn on Smile Shutter™

1. Activate the camera.
2. Tap , then tap
3. Tap **Smile Shutter** and select a smile level.

To take a photo using Smile Shutter™

1. When the camera is open and Smile Shutter™ is turned on, point the camera at your subject. The camera selects which face to focus on.
2. The face selected appears inside a colored frame and the photo is taken automatically.
3. If no smile is detected, press the camera key to take the photo manually.

Adding the geographical position to your photos

Turn on geotagging to add the approximate geographical location (a geotag) to photos when you take them. The geographical location is determined either by wireless networks or GPS technology.

When appears on the camera screen, geotagging is turned on but the geographical position has not been found. When appears, geotagging is turned on and the geographical location is available, so your photo can get geotagged. When neither of these two symbols appears, geotagging is turned off.

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To turn on geotagging

1. From your Home screen, tap .
2. Tap **Settings** > **Location services**.
3. Drag the slider beside **Access to my location** to the right.
4. Activate the camera.
5. Tap , then tap .
6. Drag the slider beside **Geotagging** to the right.
7. Tap **OK**.

General camera settings

Capturing mode settings overview

Superior auto
Optimize your settings to suit any scene.

Manual
Adjust camera settings manually.

Picture effect
Apply effects to photos.

Sweep Panorama
Use this setting to take wide-angle, panoramic photos. Just press the camera key and move the camera steadily from one side to the other.

Quick launch

Use Quick launch settings to launch the camera when the screen is locked.

Launch only
When this setting is activated, you can launch the camera when the screen is locked by pressing and holding down the camera key.

Launch and capture
When this setting is activated, you can launch the camera and capture a photo automatically when the screen is locked by pressing and holding down the camera key.

Launch and record video
When this setting is activated, you can launch the camera and start capturing video when the screen is locked by pressing and holding down the camera key.

Off

Geotagging

Tag photos with details of where you took them.

Touch capture

Identify a particular focus area by touching the camera screen with your finger. The photo is taken as soon as you release your finger. This setting is only available when focus mode is set to touch focus.

Shutter sound

Choose whether to turn on or turn off the shutter sound when you record a video.

Data storage

You can choose to save your data either to a removable SD card or to your device's internal storage.

Internal storage
Photos or videos are saved on the device memory.

SD card
Photos or videos are saved on the SD card.

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White balance

This function adjusts the color balance according to the lighting conditions. The white balance setting icon is available on the camera screen.

Auto
Adjusts the color balance automatically to suit the lighting conditions.

Incandescent
Adjusts the color balance for warm lighting conditions, such as under light bulbs.

Fluorescent
Adjusts the color balance for fluorescent lighting.

Daylight
Adjusts the color balance for sunny outdoor conditions.

Cloudy
Adjusts the color balance for a cloudy sky.

! This setting is only available in **Manual** capturing mode.

Using still camera settings

To adjust the still camera settings

1. Activate the camera.
2. To display all settings, tap .
3. Select the setting you want to adjust, then edit as desired.

Still camera settings overview

Resolution

Choose between several picture sizes and aspect ratios before taking a photo. A photo with a higher resolution requires more memory.

8MP
3264×2448(4:3)
8 megapixel picture size with 4:3 aspect ratio. Suitable for photos that you want to view on non-widescreen displays or print in high resolution.

5MP
3104×1746(16:9)
5 megapixel picture size with 16:9 aspect ratio. Suitable for photos that you want to view on non-widescreen displays or print in high resolution.

2MP
1632×1224(4:3)
2 megapixel picture size with 4:3 aspect ratio. Suitable for photos that you want to view on non-widescreen displays.

2MP
1920×1080(16:9)
2 megapixel picture size with 16:9 aspect ratio. Suitable for photos that you want to view on widescreen displays.

Self timer

With the self-timer you can take a photo without holding the device. Use this function to take self-portraits, or group photos where everyone can be in the photo. You can also use the self-timer to avoid shaking the camera when taking photos.

On (10 sec.)
Set a 10-second delay from when you tap the camera screen until the photo is taken.

On (2 sec.)
Set a 2-second delay from when you tap the camera screen until the photo is taken.

Off
The photo is taken as soon as you tap the camera screen.

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Smile Shutter™

Use the Smile Shutter™ function to determine what kind of smile the camera reacts to before taking a photo.

Focus mode

The focus function controls which part of a photo should be sharp. When continuous autofocus is on, the camera keeps adjusting focus so that the area within the yellow focus frame stays sharp.

Single autofocus
The camera automatically focuses on the selected subject. Continuous autofocus is on. Touch and hold the camera screen until the yellow focus frame turns blue, indicating that the focus is set. The photo is taken when you release your finger.

Multi autofocus
The focus is automatically set on several areas of the image. Touch and hold the camera screen until the yellow focus frame turns blue, indicating that the focus is set. The photo is taken when you release your finger. Continuous autofocus is off.

Face detection
The camera automatically detects up to five human faces, indicated by frames on the screen. The camera automatically focuses on the nearest face. You can also select which face to focus on by tapping it on the screen. When you tap the camera screen, a blue frame shows which face is selected and in focus. Face detection cannot be used for all scene types. Continuous autofocus is on.

Touch focus
Touch a specific area on the camera screen to set the area of focus. Continuous autofocus is off. Touch and hold the camera screen until the yellow focus frame turns blue, indicating that the focus is set. The photo is taken when you release your finger.

Object tracking
When you select an object by touching it in the viewfinder, the camera tracks it for you.

! This setting is only available in **Manual** capturing mode.

HDR

Use the HDR (High Dynamic Range) setting to take a photo against strong back light or in conditions where the contrast is sharp. HDR compensates for the loss of detail and produces a picture that is representative of both dark and bright areas.

! This setting is only available in **Normal** capturing mode.

ISO

You can reduce image blurring caused by dark conditions or moving subjects by increasing the ISO sensitivity.

Auto
Sets the ISO sensitivity automatically.

100
Sets the ISO sensitivity to 100.

200
Sets the ISO sensitivity to 200.

400
Sets the ISO sensitivity to 400.

800
Sets the ISO sensitivity to 800.

1600
Sets the ISO sensitivity to 1600.

! This setting is only available in **Manual** capturing mode.

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Metering

This function automatically determines a well-balanced exposure by measuring the amount of light striking the image you want to capture.

Center
Adjusts the exposure to the center of the image.

Average
Calculates the exposure based on the amount of light striking the whole image.

Spot
Adjusts the exposure in a very small part of the image that you want to capture.

! This setting is only available in **Manual** capturing mode.

Image stabilizer

When taking a photo, it can be difficult to hold the device steady. The stabilizer helps you by compensating for small movements of the hand.

! This setting is only available in **Manual** capturing mode.

Preview

You can choose to preview photos or videos just after you shoot them.

Unlimited
The preview of the photo or video appears after you shoot it.

5 seconds
The preview of the photo or video appears for 5 seconds after you shoot it.

3 seconds
The preview of the photo or video appears for 3 seconds after you shoot it.

Edit
The photo or video opens for editing after you shoot it.

Off
The photo or video is saved after you shoot it, and no preview appears.

Video camera settings

To adjust the video camera settings

1. Activate the camera.
2. Tap one of the settings icons on the screen.
3. To display all settings, tap ⋮.
4. Select the setting that you want to adjust, then make your changes.

Video camera settings overview

Video resolution

Adjust the video resolution for different formats.

Full HD
1980×1080(16:9)
Full HD (Full High Definition) format with 16:9 aspect ratio. 1980×1080 pixels.

HD
1280×720(16:9)
HD (High Definition) format with 16:9 aspect ratio. 1280×720 pixels.

MMS

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Record videos suitable for sending in multimedia messages. The recording time of this video format is limited to fit in a multimedia message.

! This setting is only available in **Manual** capturing mode.

Self timer

With the self-timer you can record a video without holding the device. Use it to record group videos where everyone can be in the video. You can also use the self-timer to avoid shaking the camera when recording videos.

On (10 sec.)
Set a 10-second delay from when you tap the camera screen until the video begins to record.

On (2 sec.)
Set a 2-second delay from when you tap the camera screen until the video begins to record.

Off
The video begins to record as soon as you tap the camera screen.

Focus mode

The focus setting controls which part of a video should be sharp. When continuous autofocus is on, the camera keeps adjusting focus so that the area within the white focus frame stays sharp.

Single autofocus
The camera automatically focuses on the selected subject. Continuous autofocus is on.

Face detection
The camera automatically detects up to five human faces, indicated by frames on the screen. The camera automatically focuses on the nearest face. You can also select which face to focus on by tapping it on the screen. When you tap the camera screen, a yellow frame shows which face is selected and in focus. Face detection cannot be used for all scene types. Continuous autofocus is on.

Object tracking
When you select an object by touching it in the viewfinder, the camera tracks it for you.

! This setting is only available in **Manual** capturing mode.

Metering

This function automatically determines a well-balanced exposure by measuring the amount of light striking the image you want to capture.

Center
Adjusts the exposure to the center of the image.

Average
Calculates the exposure based on the amount of light striking the whole image.

Spot
Adjusts the exposure in a very small part of the image that you want to capture.

! This setting is only available in **Manual** capturing mode.

Microphone

Select whether to pick up the surrounding sound when recording videos.

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Album

Viewing photos and videos

Use the Pictures tab in the Album application to view photos and play videos that you've taken with your camera, or to view similar content that you've saved to your device. All photos and videos are displayed in a chronologically ordered grid.

1	View photos and videos in the Pictures tab
2	View photos and videos in the My albums tab
3	View menu options
4	Scroll up or down to view content
5	Tap a photo or video to view it
6	The date of items in the group

To view photos and videos

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Album**.
3. Tap a photo or video to view it.
4. Flick left to view the next photo or video. Flick right to view the previous photo or video.

To change the size of the thumbnails

- When viewing thumbnails of photos and videos in Album, spread two fingers apart to zoom in, or pinch two fingers together to zoom out.

To zoom a photo

- When you are viewing a photo, spread two fingers apart to zoom in, or pinch two fingers together to zoom out.

To watch a slideshow of your photos

1. When you are viewing a photo, tap the screen to display the toolbars, then tap ⋮ **> Slideshow** to start playing all the photos in an album.
2. Tap a photo to end the slideshow.

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To play a video

1. Open the **Pictures** tab or the **My albums** tab in Album.
2. Using grid view or list view, locate the video that you want to open.
3. Tap the video to play it.
4. If the playback controls are not displayed, tap the screen to display them. To hide the controls, tap the screen again.

To pause a video

1. When a video is playing, tap the screen to display the controls.
2. Tap .

To fast forward and rewind a video

1. When a video is playing, tap the screen to display the controls.
2. Drag the progress bar marker left to rewind, or right to fast forward.

To adjust the volume of a video

- Press the volume key.

Sharing and managing photos and videos

You can share photos and videos that you've stored on your device. You can also manage them in different ways. For example, you can work with photos in batches, delete photos and link them to contacts.

! You might not be able to copy, send, or transfer copyright-protected items. Also, some items may not send if the file size is too large.

To share a photo or video

1. In Album, find and tap the photo or video that you want to share.
2. Tap the screen to display the toolbars, then tap .
3. Tap the application that you want to use to share the photo, then follow the steps to send it.

To use a photo as a contact picture

1. When you are viewing a photo, tap the screen to display the toolbars, then tap > **Use as** > **Contact picture**.
2. If asked, select **Contacts** > **Just once**, then select a contact.

To use a photo as wallpaper

1. When you are viewing a photo, tap the screen to display the toolbars, then tap > **Use as** > **Wallpaper**.
2. Follow the instructions on the screen.

To rotate a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. Select **Rotate**. The photo is saved in the new orientation.

To delete a photo or video

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. Tap **Delete**.

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To work with batches of photos or videos in Album

1. When viewing thumbnails of photos and videos in Album, tap ⋮, then tap **Select items**.
2. Tap the items that you want to work with. Selected items are indicated by a blue frame.
3. Use the tools in the toolbars to work with your selected items.

To activate selection mode, you can also touch and hold an item until its frame turns blue. Then you can tap other items to select them.

Analyzing photos with faces in Album

You can analyze any photos on your device that feature people's faces. Once activated, the photo analysis feature stays on, and new photos get analyzed as they are added. After running an analysis, you can then group all photos of the same person in one folder.

To turn on the photo analysis feature

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Album** > **My albums** > **Faces**.
3. All photos on your device get analyzed and grouped in the Unnamed faces folder accordingly.

To name a face

1. In the **Faces** tile, tap the **Unnamed faces** folder, then browse to the **Other faces** folder and choose the face that you want to name.
2. Tap **Add name**.
3. Type a name, then tap **Done** > **Add as new person**.

To edit a face name

1. When you are viewing a face in full-screen view, tap the screen to display the toolbars, then tap ⋮ > **Edit name tags**.
2. Tap **OK**.
3. Tap the name of the face that you want to edit.
4. Edit the name, then tap **Done** >**Add as new person**.

Editing photos with the Photo editor application

You can edit and apply effects to original photos that you've taken with your camera. For example, you can change the light effects. After you save the edited photo, the original unchanged version of the photo remains on your device.

To edit a photo

- When you are viewing a photo, tap the screen to display the toolbars, then tap .

To crop a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap > **Crop**.
4. Tap to select an option.
5. To adjust the crop frame, touch and hold the edge of the crop frame. When the squares at the edges disappear, drag inward or outward to resize the frame.
6. To resize all sides of the crop frame at the same time, touch and hold one of the four corners to make the squares at the edges disappear, then drag the corner accordingly.
7. To move the crop frame to another area of the photo, touch and hold inside the frame, then drag it to the desired position.
8. Tap **Apply Crop**.
9. To save a copy of the photo as you cropped it, tap **Save**.

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To apply special effects to a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap , then select an option.
4. To save a copy of the edited photo, tap **Save**.

To improve a photo using advanced settings

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap , then select an option.
4. To save a copy of the edited photo, tap **Save**.

To adjust the light settings for a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap , then select an option.
4. To save a copy of the edited photo, tap **Save**.

To set the saturation level of colors in a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap , then select an option.
4. To save a copy of the edited photo, tap **Save**.

Photo albums

The My albums tab in the Album application gathers together all your photo albums, including albums of photos and videos taken with the camera as well as content that you share online via services such as PlayMemories, Picasa and Facebook. Once you are logged in to such services, you can manage content, comment on photos and videos, and view comments from friends. From the Album application, you can also add geotags to photos, perform basic editing tasks, and use methods such as Bluetooth® wireless technology, email, and messaging to share content.

! The PlayMemories online service is not available in all countries or regions.

To view photos from online services in Album

1. From your Home screen, tap .
2. Find and tap **Album** > **My albums**.
3. Tap the desired online service.
4. Tap **Connect**. All available online albums that you have uploaded to the service are displayed.
5. Tap any album to view its content, then tap a photo in the album.
6. Flick left to view the next photo or video. Flick right to view the previous photo or video.

To view and add comments to online album content

1. When viewing a photo from an online album, tap the screen to display the toolbars, then tap to view the comments.
2. Enter your comments in the input field, then tap **Post**.

To "Like" a photo or video on Facebook™

- While viewing a photo or video from one of your Facebook™ albums, tap the screen to display the toolbars, then tap to show that you "Like" the item on **Facebook™**.

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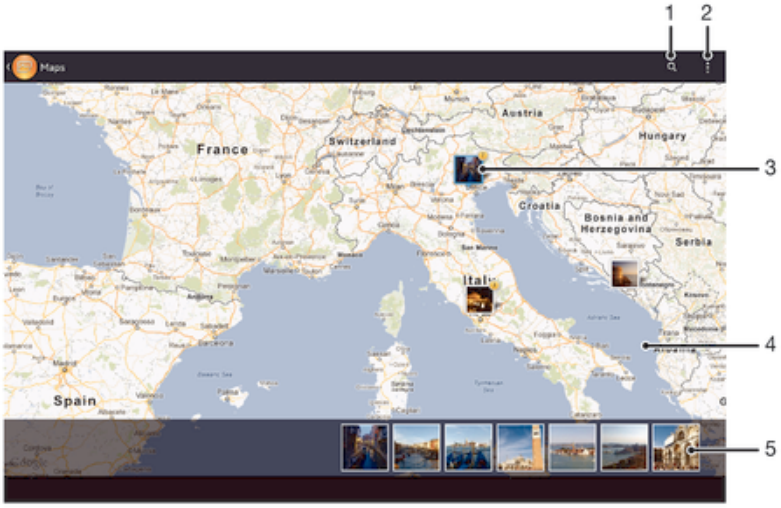
Viewing your photos on a map

Adding location information to photos is referred to as geotagging. You can view and tag your photos on a map and show friends and family where you were when you took a particular photo. See *Adding the geographical position to your photos* on page 51 for more information.

If you have turned on location detection and activated geotagging in the camera, you can tag your photos directly for map viewing at a later stage.



1	Search a location on the map.
2	View menu options.
3	A group of photos and/or videos geotagged with the same location.
4	Double tap to zoom in. Pinch to zoom out. Drag to view different parts of the map.
5	Thumbnails of the selected group of photos and/or videos. Tap an item to view it in full screen.

If several photos were taken at the same location, only one of them appears on the map. The total number of photos appears in the top right corner, for example, . To view all photos in the group, tap the cover photo and then tap one of the thumbnails at the bottom of the screen.

To add a geotag to a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap **Tap to set location** to open the map screen.
2. Find and tap the desired location to put the photo on the map.
3. To adjust the location of the photo, tap the location on the map where you want to move the photo to.
4. When you are done, tap **OK** to save the geotag and return to the photo viewer.

To view geotagged photos on a map

1. From your Home screen, tap .
2. Find and tap **Album** > **My albums** > **Maps**.
3. Tap a photo to view it in full screen.

To view geotagged photos on a globe

1. From your Home screen, tap .
2. Find and tap **Album** > **My albums** > **Globe**.
3. Tap a photo to view it in full screen.

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To change the geotag of a photo

1. When viewing a photo on the map in Album, touch and hold the photo until its frame turns blue, then tap the desired location on the map.
2. Tap **OK**.

To change the map view

- When viewing the map in Album, tap ⋮, then select **Classic view** or **Satellite view**.

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Videos

Watching videos in the Movies application

Use the Movies application to play movies and other video content that you've saved or downloaded to your device. The Movies application also helps you get poster art, plot summaries, genre info, and director details for each movie. You can also play your movies on other devices that are connected to the same network.

Videos taken with your device's camera are displayed in the Album application, not in the Movies application.

Some video files may not be playable in the Movies application.

Overview of Movies

1	Open the Video Unlimited application
2	View menu options
3	Tap to play your most recently watched video
4	Browse all videos downloaded or saved to your device
5	Tap to play saved or downloaded video files

Sony Entertainment Network with Video Unlimited and Music Unlimited is not available in every market. Separate subscription required. Additional terms and conditions apply.

To play a video in Movies

1. From your Home screen, tap ⋮⋮⋮, then find and tap **Movies**.
2. Find and tap the video that you want to play. If the video is not displayed on the screen, tap **All** in the **My Collection** tab, then find and tap the video that you want to play.
3. To display or hide the controls, tap the screen.
4. To pause playing, tap ❚❚. To resume playing, tap ▶.
5. To rewind, drag the progress bar marker to the left. To fast forward, drag the progress bar marker to the right.

To play a video on an external device

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1 When the video is playing, tap the screen to display all the controls.
2 Tap > **Throw**.
3 Select an external device on which to play the video. If there is no external device available, follow the on-screen instructions to add one.

To change settings in Movies

1 From your Home screen, tap , then find and tap **Movies**.
2 Tap > **Settings**, then change the settings as desired.

To change the sound settings while a video is playing

1 While a video is playing, tap the screen to display the controls.
2 Tap , then tap **Sound settings**.
3 Mark the checkboxes for the sound settings that you want to activate.
4 When you're finished, tap **OK**.

To share a video

1 When a video is playing, tap , then tap **Share**.
2 In the menu that opens, tap the application that you want to use to share the selected video, then follow the relevant steps to send it.

Transferring video content to your device

Before you start using the Movies application, it's a good idea to transfer movies, TV shows, and other video content to your device from other devices, such as a computer. There are several ways to transfer your content:

- Connect your device to a computer using a USB cable and drag and drop the video files directly using the file manager application on the computer. See *Connecting your device to a computer* on page 73.
- If you have a PC, use the Media Go™ application from Sony™ to organize content and transfer video files to your device via the PC. To learn more and download the Media Go™ application, go to http://mediago.sony.com/enu/features.
- If your computer is an Apple® Mac®, you can use Sony™ Bridge for Mac to transfer video files from iTunes to your device. To learn more and download Sony™ Bridge for Mac, go to *www.sonymobile.com/global-en/tools/bridge-for-mac/*.

Managing video content

To get movie information manually

1 Make sure your device has an active data connection.
2 From your Home screen, tap , then find and tap **Movies**.
3 Tap **All** in the **My Collection** tab to browse to the thumbnail of a file that you want to get information about.
4 Touch and hold the thumbnail for the video, then tap **Search for info**.
5 In the search field, enter keywords for the video, then tap the confirm key on the keyboard. All matches are displayed in a list.
6 Select a search result, then tap **Done**. The download of the information begins.

! You can get information about newly added videos automatically every time the Movies application opens if you mark the **Get video details** checkbox under Settings. Data transmission charges may apply.

If the downloaded information is not correct, search again using different keywords.

To clear information about a video

1 From your Home screen, tap , then find and tap **Movies**.
2 Tap **All** in the **My Collection** tab to browse to the video that you want to edit.
3 Touch and hold the video thumbnail, then tap **Clear info**.

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To delete a video

1. From your Home screen, tap ⋮⋮⋮, then find and tap **Movies**.
2. Tap **All** in the **My Collection** tab to browse to the video that you want to delete.
3. Touch and hold the video thumbnail, then tap **Delete** from the list that appears.
4. Tap **Delete** again to confirm.

Video Unlimited service

Use the Video Unlimited service to rent and buy movies or TV shows that you can view not only on your Android™ device, but also on a PC, PlayStation® Portable (PSP®), PlayStation® 3 or PlayStation® Vita. Select your pick from the latest Hollywood releases, action movies, comedies, classics, and a range of other categories.

You need to create a Video Unlimited account if you want to buy or rent movies through the Video Unlimited service. If you already have a PlayStation® network account or a Sony Entertainment Network account, then you can use that account instead.

! If you are using a device with multiple users, you must log in as the owner, that is, the primary user, to use the Video Unlimited service.

! Sony Entertainment Network with Video Unlimited and Music Unlimited is not available in every market. Separate subscription required. Additional terms and conditions apply.

To get started with Video Unlimited

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap .
3. If you are starting Video Unlimited for the first time, tap **Continue** in the Welcome screen and enter your birth date if required, then tap **Continue** again to go to the main screen of Video Unlimited.
4. Tap ⋮ **> Sign In**, then follow the on-screen instructions to sign in to your account, or create a new account, to buy or rent movies.

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Web browser

About the web browser

The Google Chrome™ web browser for Android™ devices comes preinstalled in most markets. Go to http://support.google.com/chrome and click the "Chrome for Mobile" link to get more detailed information about how to use this web browser.

! Google Chrome™ is not available in all markets.

To open the web browser

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap .

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Connectivity

Sharing content with DLNA Certified™ devices

You can view or play media content saved to your device on other devices such as, for example, a TV, or a computer. Such devices must be DLNA Certified™ by the Digital Living Network Alliance and all devices must be connected to the same Wi-Fi® network in order for content to be shared. You can also view or play content from other DLNA Certified™ devices on your device.

After you set up the sharing of content between devices, you can, for example, listen to music files stored on your home computer from your device, or view photos taken with your device's camera on a large-screen TV.

Playing files from DLNA Certified™ devices on your device

When you play files from another DLNA Certified™ device on your device, this other device acts as a server. In other words, it shares content over a network. The server device must have its content sharing function enabled and give access permission to your device. It also must be connected to the same Wi-Fi® network as your device.

To play a shared track on your device

1. Make sure the devices that you want to share files with are connected to the same Wi-Fi® network as your device.
2. From your Home screen, tap ⋮⋮⋮, then find and tap **WALKMAN**.
3. Select a device from the list of connected devices.
4. Browse the folders of the connected device and select the track that you want to play. The track starts playing automatically.

To play a shared video on your device

1. Make sure the devices that you want to share files with are connected to the same Wi-Fi® network as your device.
2. From your Home screen, tap ⋮⋮⋮, then find and tap **Movies**.
3. Select a device from the list of connected devices.
4. Browse the folders of the connected device and select the video that you want to play.

To view a shared photo on your device

1. Make sure the devices that you want to share files with are connected to the same Wi-Fi® network as your device.
2. From your Home screen, tap ⋮⋮⋮.
3. Find and tap **Album > My albums**. All your available online albums and connected devices are displayed.
4. Select a device from the list of connected devices.
5. Browse the folders of the connected device and select a photo to view it.

Preparing to play content from your device on DLNA Certified™ devices

Before you can view or play media files from your device on other DLNA Certified™ devices, you must set up file sharing on your device. The devices that you share content with are called client devices. For example, a TV, computer or tablet can act as client devices. Your device works as a media server when it makes content available to client devices. When you set up file sharing on your device, you must also give access permission to client devices. After you do so, such devices appear as registered devices. Devices that are waiting for access permission are listed as pending devices.

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To set up file sharing with other DLNA Certified™ devices

1. Connect your device to a Wi-Fi® network.
2. From your Home screen, tap ⋮⋮⋮, then find and tap .
3. Tap ⋮, then tap **Media server**.
4. To turn on the **Share media** function, drag the slider. appears in the status bar. Your device can now work as a media server.
5. Connect your computer or other devices to the same Wi-Fi® network as your device.
6. A notification appears in the status bar of your device. Open the notification and set the relevant access permissions for other devices.

The instructions described above may differ depending on the client devices used. Refer to your client device User guide for more information. If the device cannot connect, check that your Wi-Fi® network is working.

You can also access the **Media server** menu under **Settings** > **Xperia™ Connectivity** > **Media server settings**. If you close the **Media server** view, the file sharing function stays running in the background.

To stop sharing files with other DLNA Certified™ devices

1. From your Home screen, tap ⋮⋮⋮, then find and tap .
2. Tap ⋮, then tap **Media server**.
3. Drag the slider to turn off the **Share media** function.

To set access permissions for a pending device

1. From your Home screen, tap ⋮⋮⋮, then find and tap .
2. Tap ⋮, then tap **Media server**.
3. Select a device from the **Pending devices** list.
4. Select an access permission level.

To change the name of a registered device

1. From your Home screen, tap ⋮⋮⋮, then find and tap .
2. Tap ⋮, then tap **Media server**.
3. Select a device from the **Registered devices** list, then select **Change name**.
4. Enter a new name for the device.

To change the access level of a registered device

1. From your Home screen, tap ⋮⋮⋮, then find and tap .
2. Tap ⋮, then tap **Media server**.
3. Select a device from the **Registered devices** list.
4. Tap **Change access level** and select an option.

To get help about sharing content with other DLNA Certified™ devices

1. From your Home screen, tap ⋮⋮⋮, then find and tap .
2. Tap ⋮, then tap **Media server**.
3. Tap .

Playing files on a Digital Media Renderer device

Using DLNA™ technology, you can push media content saved on your device to another device connected to the same Wi-Fi® network. The other device must be able to function as a Digital Media Renderer (DMR) device, which means that it can render, or play, content received from your device. A DMR device can be, for example, a TV with DLNA function, or a PC running Windows® 7 or higher.

The settings for enabling the Digital Media Renderer may vary depending on the device used. Refer to the user guide for the respective device for more detailed information.

Content with Digital Rights Management (DRM) cannot be played on a Digital Media Renderer device using DLNA™ technology.

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To view photos or videos from your device on a DMR device

1. Ensure you have correctly set up the DMR device and that it is connected to the same Wi-Fi® network as your device.
2. From your Home screen, tap ⋮⋮⋮.
3. Find and tap **Album**.
4. Browse to and open the file that you want to view.
5. Tap the screen to display the toolbars, then tap and select a DMR device to share your content with. The selected files start playing in chronological order on the device that you select.
6. To disconnect from the DMR device, tap and select your device. The file stops playing on the DMR device but continues playing on your device.

You can also share a video from the Movies application on your device by tapping the video and then tapping .

To play a music track from your device on a DMR device

1. Make sure that you have correctly set up the DMR device and that it is connected to the same Wi-Fi® network as your device.
2. From your Home screen, tap ⋮⋮⋮, then find and tap **WALKMAN**.
3. Select a music category and browse to the track that you want to share, then tap the track.
4. Tap and select a DMR device to share your content with. The track plays automatically on the device that you select.
5. To disconnect from the DMR device, tap and select your device. The track stops playing on the DMR device but continues playing on your device.

NFC

Use Near Field Communications (NFC) to share data with other devices, such as a video, photo, web page address, music file, or contact. You can also use NFC to scan tags that give you more information about a product or service as well as tags that activate certain functions on your device.

NFC is a wireless technology with a maximum range of one centimeter, so the devices sharing data must be held close to each other. Before you can use NFC, you must first turn on the NFC function, and the screen of your device must be active.

NFC may not be available in all countries and/or regions.

To turn on the NFC function

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **More…**.
3. Mark the **NFC** checkbox.

If you are using a device with multiple users, any user can turn NFC on or off, and the setting change affects all users.

NFC detection area

The location of the NFC detection area is not the same on all devices. When sharing data with another device using NFC, refer to the User guide of the other device for more information.

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To share a contact with another device using NFC

1. Make sure that both devices have the NFC function turned on, and that both screens are active.
2. To view contacts, go to your Home screen, tap ⋮⋮⋮, then tap .
3. Tap the contact that you want to share.
4. Hold your device and the receiving device back to back so that the NFC detection areas of each device touch each other. When the devices connect, they play a short sound. A thumbnail of the contact appears.
5. Tap the thumbnail to start the transfer.
6. When the transfer is done, the contact information is displayed on the screen of the receiving device and is also saved on the receiving device.

To share a music file with another device using NFC

1. Make sure that both your device and the receiving device have the NFC function turned on, and that both screens are active.
2. To open the "WALKMAN™" application, tap ⋮⋮⋮, then find and tap .
3. Select a music category and browse to the track you want to share.
4. Tap the track to play it. You can then tap to pause the track. The transfer works whether the track is playing or paused.
5. Hold your device and the receiving device back to back so that the NFC detection areas of each device touch each other. When the devices connect, they play a short sound. A thumbnail of the track appears.
6. Tap the thumbnail to start the transfer.
7. When the transfer is done, the music file plays immediately on the receiving device. At the same time, the file is saved on the receiving device.

! You might not be able to copy, send, or transfer copyright-protected items.

To share a photo or video with another device using NFC

1. Make sure that both devices have the NFC function turned on, and that both screens are active.
2. To view photos and videos in your device, go to your Home screen, tap ⋮⋮⋮, then find and tap **Album**.
3. Tap the photo or video that you want to share.
4. Hold your device and the receiving device back to back so that the NFC detection areas touch each other. When the devices connect, they play a short sound. A thumbnail of the photo or video appears.
5. Tap the thumbnail to start the transfer.
6. When the transfer is done, the photo or video is displayed on the screen of the receiving device. At the same time, the item is saved on the receiving device.

You can also use NFC to share a video from the Movies application.

To share a web address with another device using NFC

1. Make sure that both devices have the NFC function turned on, and that both screens are active.
2. From your Home screen, tap ⋮⋮⋮.
3. To open the web browser, find and tap .
4. Load the web page that you want to share.
5. Hold your device and the receiving device back to back so that the NFC detection areas touch each other. When the devices connect, they play a short sound. A thumbnail of the web page appears.
6. Tap the thumbnail to start the transfer.
7. When the transfer is done, the web page is displayed on the screen of the receiving device.

Bluetooth® wireless technology

Use the Bluetooth® function to send files to other Bluetooth® compatible devices, or to connect to hands-free accessories. Turn on the Bluetooth® function in your device and create wireless connections to other Bluetooth® compatible devices such as

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computers, hands-free accessories, and phones. Bluetooth® connections work better within 33 feet (10 meters), with no solid objects in between. In some cases you have to manually pair your device with other Bluetooth® devices.

! Interoperability and compatibility among Bluetooth® devices can vary.

To turn on the Bluetooth® function and make your device visible

1 Drag the status bar downward, then tap .
2 Tap the on-off switch beside **Bluetooth** to turn on the Bluetooth® function.
3 Tap **Bluetooth**. Your device and a list of available Bluetooth® devices appear.
4 Tap your device name to make your device visible to other Bluetooth® devices.

To adjust your device's visibility time to other Bluetooth® devices

1 Drag the status bar downward, then tap .
2 Find and tap **Bluetooth**.
3 Press and select **Visibility timeout**.
4 Select an option.

Naming your device

You can give your device a name. This name is shown to other devices after you have turned on the Bluetooth® function and your device is set to visible.

To give your device a name

1 Make sure that the Bluetooth® function is turned on.
2 Drag the status bar downwards, then tap .
3 Find and tap **Bluetooth**.
4 Tap and select **Rename tablet**.
5 Enter a name for your device.
6 Tap **Rename**.

Pairing with another Bluetooth® device

When you pair your device with another device, you can, for example, connect your device to a Bluetooth® headset or a Bluetooth® car kit and use these other devices to share music.

Once you pair your device with another Bluetooth® device, your device remembers this pairing. When pairing your device with a Bluetooth® device, you may need to enter a passcode. Your device will automatically try the generic passcode 0000. If this does not work, refer to the user guide for your Bluetooth® device to get the device passcode. You do not need to re-enter the passcode the next time you connect to a previously paired Bluetooth® device.

! Some Bluetooth® devices, for example, most Bluetooth® headsets, require you to both pair and connect with the other device.

! You can pair your device with several Bluetooth® devices, but you can only connect to one Bluetooth® profile at the same time.

To pair your device with another Bluetooth® device

1 Make sure the device you want to pair your device with has the Bluetooth® function activated and is visible to other Bluetooth® devices.
2 Drag the status bar downward, then tap .
3 Find and tap **Bluetooth**. All available Bluetooth® devices appear in a list.
4 Tap the Bluetooth® device that you want to pair with your device.
5 Enter a passcode, if required, or confirm the same passcode on both devices. Your device and the Bluetooth® device are now paired.

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To connect your device to another Bluetooth® device

1. If you are connecting to a Bluetooth® device that requires you to first pair your device before connecting, follow the relevant steps to pair your device with that device.
2. Drag the status bar downward, then tap .
3. Find and tap **Bluetooth**.
4. Tap the Bluetooth® device you want to connect your device to.

To unpair a Bluetooth® device

1. Drag the status bar downward, then tap .
2. Find and tap **Bluetooth**.
3. Under **Paired devices**, tap beside the name of the device you want to unpair.
4. Tap **Unpair**.

Sending and receiving items using Bluetooth® technology

Use Bluetooth® technology to share items with other Bluetooth® compatible devices such as phones or computers. You can send and receive the following kinds of items:

- Photos and videos
- Music and other audio files
- Web pages

To send items using Bluetooth®

1. **Receiving device:** Make sure the Bluetooth® function is turned on and that the device is visible to other Bluetooth® devices.
2. **Sending device:** Open the application which contains the item that you want to send, and scroll to the item.
3. Depending on the application and on the item that you want to send, you may need to, for example, touch and hold the item, open the item, and press . Other ways to send an item may exist.
4. Select **Bluetooth**.
5. Turn on Bluetooth® if you are asked to do so.
6. Tap the name of the receiving device.
7. **Receiving device:** If asked, accept the connection.
8. **Sending device:** If asked, confirm the transfer to the receiving device.
9. **Receiving device:** Accept the incoming item.

To receive items using Bluetooth®

1. Make sure that the Bluetooth® function is on and is visible to other Bluetooth® devices.
2. The sending device now starts sending data to your device.
3. If prompted, enter the same passcode on both devices, or confirm the suggested passcode.
4. When you are notified of an incoming file to your device, drag the status bar downward and tap the notification to accept the file transfer.
5. Tap **Accept** to start the file transfer.
6. To view the progress of the transfer, drag the status bar downward.
7. To open a received item, drag the status bar downward and tap the relevant notification.

To view files you have received using Bluetooth®

1. Drag the status bar downward, then tap .
2. Find and tap **Bluetooth**.
3. Press and select **Show received files**.

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Connecting your device to a computer

Connect your device to a computer and start transferring pictures, music, and other types of files. The easiest ways to connect are using a USB cable or Bluetooth® wireless technology.

When you connect your device to the computer using a USB cable, you are prompted to install software on the computer, for example, the PC Companion application on a PC or the Sony™ Bridge for Mac application on an Apple® Mac® computer. PC Companion and Sony™ Bridge for Mac help you access additional computer applications to transfer and organize media files, update your device, synchronize device content, and more.

! You might not be able to transfer some copyright-protected material between your device and a computer.

Transferring and handling content using a USB cable

Use a USB cable connection between a computer and your device for easy transfer and management of your files. Once the two devices are connected, you can drag and drop content between your device and the computer, or between your device's internal storage and SD card, using the computer's file explorer.

If you're transferring music, video, pictures or other media files to your device, it's best to use the Media Go™ application on your computer. Media Go™ converts media files so that you can use them on your device.

To transfer content between your device and computer using a USB cable

1. Connect your device to a computer using a USB cable. **Internal storage & SD card connected** appears in the status bar on the screen of your device.
2. **Computer**: Open Microsoft® Windows® Explorer from the desktop and wait until your device's internal storage and your SD card appear as external disks in Microsoft® Windows® Explorer.
3. **Computer**: Drag and drop the desired files between your device and the computer.

To transfer content between internal storage and an SD card via USB

1. Connect your device to a computer using a USB cable. **Internal storage & SD card connected** appears in the status bar on the screen of your device.
2. **Computer**: Open Microsoft® Windows® Explorer from the desktop and wait until your device's internal storage and your SD card appear as external disks in Microsoft® Windows® Explorer.
3. **Computer**: Drag and drop the desired files between the device's internal storage and the SD card.

To transfer files directly from internal storage to an SD card in the device

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Settings** > **Storage** > **Transfer data to SD card**.
3. Mark the file types you want to transfer to the SD card.
4. Tap **Transfer**.

The direct transfer method means that a USB cable connection to a computer is not necessary.

Transferring files using Media transfer mode via Wi-Fi®

You can transfer files between your device and other MTP compatible devices, such as a computer, using a Wi-Fi® connection. Before connecting, you first need to pair the two devices. If you're transferring music, video, pictures or other media files between your device and a computer, it's best to use the Media Go™ application on

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the computer. Media Go™ converts media files so that you can use them on your device.

In order to use this feature, you need a Wi-Fi® enabled device that supports Media transfer, for example, a computer running Microsoft® Windows Vista® or Windows® 7.

To pair your device wirelessly with a computer using Media transfer mode

1. Make sure Media transfer mode is enabled on your device. It is normally enabled by default.
2. Connect your device to the computer using a USB cable.
3. **Computer**: Once the name of your device appears on the screen, click *Network configuration* and follow the instructions to pair the computer.
4. When you are finished pairing, disconnect the USB cable from both devices.

The above instructions only work if Windows® 7 is installed on your computer and the computer is connected to a Wi-Fi® Access Point via a network cable.

To connect paired devices wirelessly in Media transfer mode

1. Make sure Media transfer mode is enabled on your device. It is normally enabled by default.
2. Drag the status bar downward, then tap .
3. Tap **Xperia™ Connectivity > USB Connectivity**.
4. Tap the paired device that you want to connect to under **Trusted devices**.
5. Tap **Connect**.

Make sure the Wi-Fi® function is turned on.

To disconnect a wirelessly paired device in Media transfer mode

1. Drag the status bar downward, then tap .
2. Tap **Settings > Xperia™ Connectivity > USB Connectivity**.
3. Tap the paired device that you want to disconnect from under **Trusted devices**.
4. Tap **Disconnect**.

To remove a pairing with another device

1. Drag the status bar downward, then tap .
2. Tap **Settings > Xperia™ Connectivity > USB Connectivity**.
3. Tap the paired device that you want to remove.
4. Tap **Forget**.

PC Companion

PC Companion is a computer application that gives you access to additional features and services which help you transfer music, video, and pictures to and from your device. You can also use PC Companion to update your device and get the latest software version available. The installation files for PC Companion are saved on your device and the installation is launched from the device when you connect it to a computer via USB cable.

You need an internet connected computer running one of the following operating systems to use the PC Companion application:

- Microsoft® Windows® 7
- Microsoft® Windows® 8
- Microsoft® Windows Vista®
- Microsoft® Windows® XP (Service Pack 3 or higher)

To start PC Companion

1. Make sure that PC Companion is installed on your PC.
2. Open the PC Companion application on the PC, then click **Start** to open one of the features you want to use.

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Media Go™

The Media Go™ computer application helps you transfer and manage media content in your device and computer. You can install and access Media Go™ from within the PC Companion application.

You need one of these operating systems to use the Media Go™ application:

- Microsoft® Windows® 7
- Microsoft® Windows Vista®
- Microsoft® Windows® XP, Service Pack 3 or higher

To transfer content using the Media Go™ application

1. Connect your device to a computer using a supported USB cable.
2. **Device**: In the status bar, **Internal storage connected** appears.
3. **Computer**: Open the PC Companion application on the PC first. In PC Companion, click *Media Go* to start the Media Go™ application. In some cases, you may have to wait for Media Go™ to install.
4. Using Media Go™, drag and drop files between your computer and device.

Connecting your device to a TV set using a cable

Connect your device to a TV set and start viewing content saved in your device on a larger screen. When you connect your device to the TV set, the TV launcher application opens. This application helps you to play media files from your device on TVs and other devices.

You may have to purchase an MHL cable separately.

To view content from your device on a TV which supports MHL input

1. Connect your device to the TV using an MHL cable. MHL appears in your device's status bar after a connection is established.
2. The **TV launcher** application starts automatically. Follow the instructions to view your media files on the TV.

To view content from your device on a TV which supports HDMI™ input

1. Connect your device to an MHL adaptor and connect the adaptor to a USB power supply.
2. Connect the adaptor to a TV using a HDMI™ cable. MHL appears in your device's status bar after a connection is established.
3. The **TV launcher** application starts automatically. Follow the instructions to view your media files on the TV.

To view help about using the TV remote control

1. While your device is connected to the TV set, drag the status bar downward to open the Notification panel.
2. Tap **MHL connected**.

You can also press the yellow button on the TV remote control to open the Notification panel.

To disconnect your device from the TV set

- Disconnect the MHL™ cable or the MHL adaptor from your device.

Screen mirroring

Use Screen mirroring to show the screen of your device on a TV or other large display without using a cable connection. Wi-Fi Direct™ technology creates a wireless connection between the two devices, so you can sit back and enjoy your favorite

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photos from the comfort of your couch. You can also use this feature to listen to music from your device via the TV's speakers.

Your TV must support screen mirroring based on Wi-Fi CERTIFIED Miracast™ for the functionality described above to work. If your TV does not support screen mirroring, you need to purchase a wireless display adapter separately.

When using screen mirroring, the image quality may sometimes be negatively impacted if there is interference from other Wi-Fi® networks.

To mirror the screen of your device on a TV screen

1. **TV**: Follow the instructions in the User guide for your TV to turn on the screen mirroring function.
2. **Your device**: Drag the status bar downward, then tap .
3. Find and tap **Xperia™ Connectivity > Screen mirroring**.
4. Tap **Turn on Screen mirroring** and select a device.

When using screen mirroring, do not cover the Wi-Fi antenna area of your device.

Smart Connect

Use the Smart Connect application to set what happens in your device when you connect or disconnect an accessory. You can also use Smart Connect to set a specific action or a group of actions to launch on your device at certain times of the day.

For example, when you connect your headset, you can create an event so that the following actions are launched on your device:

- Between 7am and 9am, when you commute to work, the "WALKMAN" application starts, and the web browser opens the morning paper.
- On the way back from work, the FM radio starts, and a notes app opens showing your shopping list.

To start the Smart Connect application

1. From your Home screen, tap .
2. Find and tap .

To create a Smart Connect event

1. Start the Smart Connection application. If you are opening Smart Connect for the first time, tap **OK** to close the introduction screen.
2. Tap .
3. Give the event a name, then tap **Create**.
4. Under **When**, add either an accessory or a time interval, or both.
5. Under **Do this**, add what you want to happen when connecting accessory or at the specified time in your device.
6. Under **At the end**, add what you want to happen when you disconnect the accessory or when the time interval comes to an end. If both these conditions are set, the actions start either when you disconnect the accessory, or when the time interval comes to an end.

To add a Bluetooth® accessory, you have to first pair it with your device.

To edit a Smart Connect event

1. Start the Smart Connection application.
2. On the **Events** tab, tap an event.
3. If the event is switched off, drag the slider to the right.
4. Adjust the settings as desired.

To remove an event, tap the event's row, then tap > **Delete event** and tap **Delete** to confirm.

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Synchronizing data on your device

About synchronizing data on your device

You can sync contacts, email, calendar events, and other information with your device from multiple email accounts, synchronization services, and other kinds of accounts, depending on the applications installed on your device. Synchronizing your device with other information sources is an easy and practical way to stay up to date.

You can:

- access your Gmail™, Google Calendar™, Google™ contacts, Google™ Chrome™ bookmarks, and other Google services you use.
- access your corporate email, contacts, and calendar applications.
- access your Facebook™ contacts, calendar, albums, and other services you use.

Synchronizing with Google™

Synchronize your device with different Google™ services to keep your information up to date, regardless of which device you're using your Google™ account from. For example, you can synchronize your contacts, Gmail™, calendar, and web browser data.

To set up a Google™ account for synchronization

1. From your Home screen, tap ⋮⋮⋮.
2. Tap **Settings > Add account > Google**.
3. Follow the registration wizard to create a Google™ account, or sign in if you already have an account.
4. Mark the **Back up & restore** checkbox if you want to back up data to your Google™ account, then tap **Next**.
5. Tap your newly created Google™ account, then tap the items you that want to synchronize.

To synchronize manually with your Google™ account

1. From the Home screen, tap ⋮⋮⋮.
2. Tap **Settings > Google**.
3. Tap the Google™ account that you want to synchronize.
4. Press ⋮, then tap **Sync now**.

To remove a Google™ account

1. From your Home screen, tap ⋮⋮⋮.
2. Tap **Settings > Google**.
3. Tap the Google™ account you want to remove from the accounts list.
4. Press ⋮, then tap **Remove account**.
5. Tap **Remove account** again to confirm.

Synchronizing your corporate email, calendar, and contacts

Access your corporate email messages, calendar appointments, and contacts directly from your device. View and manage them just as easily as you would from a computer. After setup, you can find your information in the **Email**, **Calendar** and **Contacts** applications.

! For you to access the functionality described above, your corporate information must be stored on a Microsoft® Exchange server.

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To set up corporate email, calendar and contacts

1. From your Home screen, tap ⋮⋮⋮.
2. Tap **Settings > Add account > Exchange ActiveSync**.
3. Enter your corporate email address and password.
4. Tap **Next**. Your device begins to retrieve your account information. If a failure occurs, contact your corporate network administrator for more information.
5. Tap **OK** to allow your corporate server to control your device.
6. Select what data you want to sync with your device, such as contacts and calendar entries.
7. If desired, activate the device administrator to allow your corporate server to control certain security features on your device. For example, you can allow your corporate server to set password rules and set storage encryption.
8. When the setup is done, enter a name for the corporate account.

To edit the setup of corporate email, calendar, and contacts

1. From your Home screen, tap ⋮⋮⋮.
2. Tap **Email**, then tap ⋮.
3. Tap **Settings** and select a corporate account.
4. Change the desired settings.

To set a synchronization interval for a corporate account

1. From your Home screen, tap ⋮⋮⋮.
2. Tap **Email**, then tap ⋮.
3. Tap **Settings** and select a corporate account.
4. Tap **Check frequency** and select an interval option.

To remove a corporate account

1. From your Home screen, tap ⋮⋮⋮.
2. Tap **Settings > Exchange ActiveSync**, then select the corporate account.
3. Tap ⋮, then tap **Remove account**.
4. Tap **Remove account** again to confirm.

Synchronizing with Facebook™

There are two ways to use Facebook™ on your device. You can use the standard Facebook application to access your online Facebook account, or you can synchronize your Facebook account with your device and share content between Facebook™ and a range of other applications. For example, you can share music in the "WALKMAN" application on your device via Facebook. To synchronize your device with Facebook, you must first set up an "Xperia™ with Facebook" account — a solution developed by Sony to enable easy integration.

To set up an "Xperia™ with Facebook" account on your device

1. From your Home screen, tap ⋮⋮⋮.
2. Tap **Settings > Add account > Xperia™ with Facebook**.
3. Follow the on-screen instructions to sign in to your Facebook™ account, or create a new account.

To synchronize manually with an "Xperia™ with Facebook" account

1. From your Home screen, tap ⋮⋮⋮.
2. Tap **Settings > Xperia™ with Facebook**.
3. Select the account that you want to synchronize.
4. Press ⋮, then tap **Sync now**.

To remove an "Xperia™ with Facebook" account

! When you remove an "Xperia™ with Facebook" account from your device, the associated online Facebook account is not deleted and you can still access it from a computer.

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1 From your Home screen, tap ⋮⋮⋮.
2 Tap **Settings > Xperia™ with Facebook**.
3 Select the account that you want to remove.
4 Press ⋮, then tap **Remove account**.
5 Tap **Remove account** again to confirm.

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Maps and locations

About location services

Use your device to find out where you are. There are two methods: GPS and wireless networks. Enable the wireless networks option if you only need your approximate location, and want it fast. If you want a more exact position, and have a clear view of the sky, enable the GPS option. In situations where the wireless network connection is weak, you should enable both options to ensure that your location is found.

! Sony does not warrant the accuracy of any location services including but not limited to navigational services.

To enable location services

1 Drag the status bar downward, then tap .
2 Tap **Location services**.
3 Drag the slider beside **Access to my location** to the right.
4 Tap **Agree** twice to confirm.

! When you enable location services, both **GPS satellites** and **Google's location service** (Wi-Fi and cellular networks) get enabled by default. You can disable either option manually.

To allow Google apps to access your location

1 Drag the status bar downward, then tap .
2 Tap **Google** > **Location settings**.
3 Drag the slider beside **Let Google apps access your location** to the right.

! You must be logged into your Google™ account to be able to use location services.

Using GPS

Your device has a global positioning system (GPS) receiver that uses satellite signals to calculate your location.

! When you use features that require the GPS receiver to find your location, make sure you have a clear view of the sky.

To enable GPS

1 From your Home screen, tap .
2 Tap **Settings** > **Location services**.
3 Mark the **GPS satellites** checkbox.

Getting the best performance

The first time you use the GPS it can take 5 to 10 minutes for your location to be found. To help the search, make sure you have a clear view of the sky. Stand still and don't cover the GPS antenna (the highlighted area in the image). The GPS signals can pass through clouds and plastic, but not through most solid objects such as buildings and mountains. If your location isn't found after a few minutes, move to another location.

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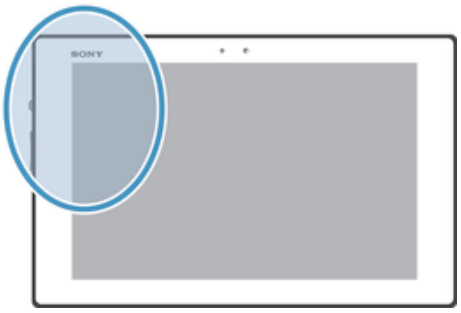

Google Maps™

Track your current location, view real-time traffic situations and receive detailed directions to your destination. Before taking trips, you can download and save maps to your memory card to avoid high roaming costs.

! The Google Maps™ application requires the use of an Internet connection. The Google Maps™ application may not be available in every market, country, or region.

To use Google Maps™

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Maps**.

! If you want to use Google Maps™, you have to enable one of the location methods available under **Settings** > **Location services**.

To learn more about Google Maps™

- When you use Google Maps™, tap ⋮, then tap **Help**.

Viewing your friends' locations with Google Latitude™

Join Google Latitude™ to view your friends' locations on maps and share your location and other information with them.

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Calendar and alarm clock

Calendar

Your device has a calendar application for managing your time schedule. If you have a Google™ account, you can also synchronize the calendar application on your device with your web calendar.

To set the calendar view

1. From your Home screen, tap ⋮⋮⋮, then find and tap **Calendar**.
2. Select an option from the menu bar.

To view multiple calendars

1. From your Home screen, tap ⋮⋮⋮, then find and tap **Calendar**.
2. Mark the relevant checkboxes to select the calendars that you want to view.

To create a calendar event

1. From your Home screen, tap ⋮⋮⋮, then tap **Calendar**.
2. Tap +.
3. If you have synchronized your calendar with one or more accounts, select the account you want to add this event to. If you only want to add this event on your device, tap **Device calendar**.
4. Enter the name, time, location, and description for the event.
5. Tap **More** and select a reminder for the event. To add a new reminder for the event, tap +.
6. If desired, select another option under **Repetition**.
7. Tap **Done**.

When the appointment time approaches, your device plays a short sound to remind you. Also, 31 appears in the status bar.

To view a calendar event

1. From your Home screen, tap ⋮⋮⋮, then tap **Calendar**.
2. Tap the event you want to view.

To change the calendar settings

1. From your Home screen, tap ⋮⋮⋮, then tap **Calendar**.
2. Press ⋮, then tap **Settings**.
3. Tap the setting you want to change, then edit as desired.

Alarm clock

Use your device as an alarm clock and select any sound saved on your device as your alarm signal. The alarm does not sound if your device is turned off. But it does sound when the device is set to silent mode.

To open the alarm clock

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.

To set a new alarm

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.
3. Tap +.
4. Tap **Time** and adjust the time by scrolling up and down.
5. Tap **Set**.
6. If desired, edit other alarm settings.
7. Tap **Done**.

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To edit an existing alarm

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.
3. Tap the alarm that you want to edit.
4. Tap **Time** and adjust the time by scrolling up and down.
5. Tap **Set**.
6. If desired, edit other alarm settings.
7. Tap **Done**.

! The alarm time format displayed is the same as the format you select for your general time settings, for example, 12-hour or 24-hour.

To deactivate an alarm

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.
3. Drag the slider to the left next to the alarm that you want to deactivate.

To activate an existing alarm

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.
3. Drag the slider to the right next to the alarm that you want to activate.

To delete an alarm

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.
3. Tap ⋮, then tap **Delete**.
4. Mark the checkbox next to the alarm that you want to delete.
5. Tap **Delete**, then tap **Yes**.

To set the ringtone for an alarm

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.
3. Tap the alarm you want to edit.
4. Tap **Alarm sound** and select an option, then tap **Done**.
5. Tap **Done**.

To set a recurring alarm

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.
3. Tap the alarm you want to edit.
4. Tap **Repeat**.
5. Mark the checkboxes for the desired days, then tap **OK**.
6. Tap **Done**.

To set the title for an alarm

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**.
3. Tap the alarm that you want to edit.
4. Enter a name for the alarm in the **Alarm text** field.
5. Tap **Done**.

To set alarms to sound when the device is in silent mode

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Alarm & clock**, then tap to select an alarm.
3. Mark the **Alarm in silent mode** checkbox.
4. Tap **Done**.

! The alarm in silent mode feature is enabled by default when you create a new alarm.

To snooze an alarm when it sounds

- Tap **Snooze**.

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To turn off an alarm when it sounds

- Slide to the right.

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Support and maintenance

Updating your device

Update your device to the most recent software version to get optimal performance and the latest enhancements.

You can use the Update center application on your device to run a wireless update or you can use the PC Companion application on a computer to run an update using a USB cable connection. If you update wirelessly, then you can use a Wi-Fi® network connection. Just make sure you back up and save all data stored on your device before you update.

! When you run an update using the Update center application, a data connection is established and related charges may be incurred.

Updating your device wirelessly

Use the Update center application to update your device wirelessly. You can download software updates manually, or you can allow Update service to update your device automatically whenever downloads become available. When the automatic update feature is activated, a notification appears in the status bar every time an update becomes available.

To download software updates manually from Update center

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Update Center**.
3 Select the desired application or system update and tap ↓, or tap ⇊ to download all application updates.

! Application updates launch automatically after download. With system updates, install the update manually after download. Your device will then restart automatically after the installation is finished.

To activate automatic software updates using the Update Center application

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Update Center**.
3 Tap ⋮, then tap **Settings**.
4 Tap **Allow automatic downloads**, then tap **Agree**. Updates are now downloaded automatically as soon as they become available.

To install system updates

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Update Center**.
3 Select a system update that you want to install, then tap ⇗.

Updating your device using a USB cable connection

Some updates are not available for wireless download. Notifications appear in the status bar to inform you of such updates. To download and run the updates, you need a USB cable and a computer running the PC Companion application. You can install PC Companion on the computer using installation files saved on your device, or you can download the application directly from *PC Companion*.

To download the PC Companion application from your device

1 Connect your device to a computer using a USB cable.
2 When prompted, follow the instructions in your device to launch the installation of PC Companion on the computer.

PC Companion can also be downloaded from *PC Companion*.

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To download software updates using a USB cable connection

1. Install the PC Companion application on the computer you are using, if it is not already installed.
2. Connect your device to the computer using a USB cable.
3. **Computer**: Launch the PC Companion application. After a few moments, PC Companion detects your device and searches for new software for it.
4. **Device**: When notifications appear in the status bar, follow the on-screen instructions to carry out the relevant software updates.

To update your device using an Apple® Mac® computer

1. Install Sony™ Bridge for Mac application on the Apple® Mac® computer you are using, if it is not already installed.
2. Using a USB cable, connect your device to the Apple® Mac® computer.
3. **Computer**: Launch Sony™ Bridge for Mac application. After a few moments, Sony™ Bridge for Mac application detects your device and searches for new software for it.
4. **Computer**: If a new software update is detected, a popup window appears. Follow the on-screen instructions to carry out the relevant software updates.

! Sony™ Bridge for Mac application is downloadable from *Bridge for mac*.

Resetting your device

You can reset your device to its original settings, with or without deleting all of your personal data. Before you perform a reset, make sure to back up any important data saved on your device.

To perform a factory data reset

! To avoid permanent damage to your device, do not restart your device while a reset procedure is underway.

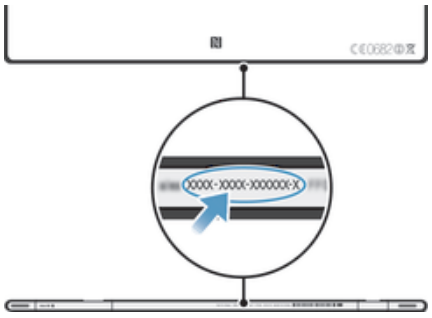
1. Drag the status bar downwards, then tap .
2. Find and tap **Backup & reset** > **Factory data reset**.
3. If you also want to erase data such as pictures and music, which is saved to your device's internal storage, mark the **Erase internal storage** checkbox.
4. Tap **Reset tablet**.
5. To confirm, tap **Erase everything**.

Locking and protecting your device

IDID number

Xperia™ Tablet Z has a unique IDID number.

To view your IDID number



Setting a screen lock

There are several ways to lock the screen on your device. For example, you can use the Face Unlock feature, which uses a picture of your face to unlock the screen. You

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can also set a screen unlock pattern, a number-based PIN lock, or a text-based password.

It is very important that you remember your screen unlock pattern, PIN or password. If you forget this information, it may not be possible to restore important data such as contacts and messages. Refer to Sony customer support for more information.

To set a screen lock

1 From your Home screen, tap ⋮⋮⋮ > **Settings** > **Security** > **Screen lock**.
2 Select an option.

To set up the Face Unlock feature

1 From your Home screen, tap ⋮⋮⋮ > **Settings** > **Security** > **Screen lock**.
2 Tap **Face Unlock**, then follow the instructions on your device to capture your face.
3 After your face is successfully captured, tap **Continue**.
4 Select a backup lock method and follow the instructions in the device to complete the setup.

! The Face Unlock feature is less secure than a screen lock pattern, PIN, or password. Someone who looks similar to you could unlock your device.

For best results, capture your face in an indoor area that is well lit but not too bright, and hold the device at eye level.

To unlock the screen using the Face Unlock feature

1 Activate the screen.
2 Look at your device from the same angle you used to capture your Face Unlock photo.

If the Face Unlock feature fails to recognize your face, you need to draw the backup pattern or enter the PIN to unlock the screen.

To disable the Face Unlock feature

1 From your Home screen, tap ⋮⋮⋮ > **Settings** > **Security** > **Screen lock**.
2 Draw your backup screen unlock pattern or enter your PIN.
3 Tap **Slide**.

To create a screen unlock pattern

1 Drag the status bar downward, then tap ✕.
2 Tap **Security** > **Screen lock** > **Pattern**.
3 Follow the instructions on your device.

To unlock the screen using a screen unlock pattern

1 Activate the screen.
2 Draw your screen unlock pattern.

! If the unlock pattern you draw on the screen is rejected five times in a row, you must wait 30 seconds and then try again.

To change the screen unlock pattern

1 From your Home screen, tap ⋮⋮⋮.
2 Find and tap **Settings** > **Security** > **Screen lock**.
3 Draw your screen unlock pattern.
4 Tap **Pattern**.
5 Follow the instructions in your device.

To disable the screen unlock pattern

1 From your Home screen, tap ⋮⋮⋮ > **Settings** > **Security** > **Screen lock**.
2 Draw the screen unlock pattern.
3 Tap **Slide**.

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To create a screen unlock PIN

1. From your Home screen, tap ⋮⋮⋮ > **Settings** > **Security** > **Screen lock** > **PIN**.
2. Enter a numeric PIN.
3. If necessary, tap ⌄ to minimize the keyboard.
4. Tap **Continue**.
5. Re-enter and confirm your PIN.
6. If necessary, tap ⌄ to minimize the keyboard.
7. Tap **OK**.

To disable the screen unlock PIN

1. From your Home screen, tap ⋮⋮⋮ > **Settings** > **Security** > **Screen lock**.
2. Enter your PIN, then tap **Next**.
3. Tap **Slide**.

To create a screen lock password

1. From your Home screen, tap ⋮⋮⋮ > **Settings** > **Security** > **Screen lock** > **Password**.
2. Enter a password.
3. If necessary, tap ⌄ to minimize the keyboard.
4. Tap **Continue**.
5. Re-enter and confirm your password.
6. If necessary, tap ⌄ to minimize the keyboard.
7. Tap **OK**.

To disable the screen unlock password

1. From your Home screen, tap ⋮⋮⋮ > **Settings** > **Security** > **Screen lock**.
2. Enter your password and tap **Next**.
3. Tap **Slide**.

Support application

To access the support application

1. From your Application screen, find and tap .
2. Find and tap the required support item.

Recycling your device

Got an old device lying around the house? Why not recycle it? By doing so, you will help us reuse its materials and components, and you'll protect the environment, too! Find out more about the recycling options in your region at *blogs.sonymobile.com/about-us/sustainability/commitment/overview/*.

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Reference

Status and notification icons overview

Status icons

The following status icons may appear on your screen:

	NFC is activated
	Battery status
	The battery is charging
	GPS is activated
	The Bluetooth® function is activated
	The microphone is muted
	The speakerphone is on
	Silent mode
	An alarm is set
	Synchronization is ongoing
	Problem with sign-in or synchronization
	A Wi-Fi® connection is enabled and wireless networks are available

Notification icons

The following notification icons may appear on your screen:

	New email message
	An upcoming calendar event
	A song is playing
	The device is connected to a computer via a USB cable
	Warning message
	Error message
	Software updates available
	Downloading data
	Uploading data
	More (undisplayed) notifications

Application overview

	Use the Alarm and clock application to set various kinds of alarms.
	Use your web browser to navigate and view web pages, manage bookmarks, and manage text and images.
	Use the Calculator application to perform basic calculations.

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Use the Calendar application to keep track of your events and manage your appointments.

Use the camera to take photos and record video clips.

Use the Contacts application to manage phone numbers, email address and other information related to your contacts.

Access your downloaded applications.

Use the Email application to send and receive emails through both private and corporate accounts.

Use the Facebook application to engage in social networking with friends, family members, and colleagues around the world.

Browse and listen to FM radio stations.

Use the Album application to view and to work with your photos and videos.

Use the Gmail™ application to read, write and organize email messages.

Search for information in your device and on the web.

View your current location, find other locations, and calculate routes using Google Maps™.

Go to Google Play™ to download free and paid applications for your device.

Use the Movies application to play videos in your device and share content with your friends.

Use the "WALKMAN" application to organize and play music, audio books and podcasts.

View news stories and weather forecasts.

Use the Video Unlimited application to rent and purchase videos.

Optimize settings to suit your own requirements.

Use the Hangouts™ application to chat with friends online.

Identify music tracks that you hear playing in your surroundings, and get artist, album, and other info.

Use the Support application to access user support in the device. For example, you can access a User guide, troubleshooting information, plus tips and tricks.

Use YouTube™ to share and view videos from around the world.

Download and install new applications and updates.

! Some applications are not supported by all networks and/or service providers in all areas.

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Important information

Important information leaflet

Before you use your device, please read the *Important information* leaflet provided in the Setup guide in your device or in the box.

To access the setup guide manually

1 From the Home screen, tap ⋮⋮⋮.
2 Tap **Settings** > **Setup guide**.

Limitations to services and features

Some of the services and features described in this User guide are not supported in all countries/regions or by all networks and/or service providers in all areas. Without limitation, this applies to the GSM International Emergency Number, 112. Please contact your network operator or service provider to determine availability of any specific service or feature and whether additional access or usage fees apply.

Use of certain features and applications described in this guide may require access to the Internet. You may incur data connection charges when you connect to the Internet from your device. Contact your wireless service provider for more information.

Water resistance

In order for your device to be water resistant, the covers for the micro USB port, the microSD card and the headset connector must be firmly closed.

Avoid exposing your device to environments with excessive dust or moisture. Normal wear and tear along with damage to your device can reduce its ability to resist dust or moisture. Do not use your device in the following conditions:

Ocean water

Swimming pool

Diving

Hot water

Sand/mud

Other liquid chemicals

Never submerge the device, the micro USB port, the microSD card or the headset connector in water, expose the device to any liquid chemicals, or expose your device to moist environments with extreme high or low temperatures. If water or liquid gets on the micro USB port, the microSD card and the headset connector, wipe it off with a dry cloth. The water resistance of the micro USB port, the microSD card and the headset connector is not guaranteed in all environments or conditions.

If water gets on the speaker, dry the speaker for approximately three hours before using it again.

All compatible accessories, including batteries, chargers, handsfree devices, micro USB cables and microSD™ cards are not dust and water resistant on their own.

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Your warranty does not cover damage or defects caused by abuse or improper use of your device. If you have any further questions about the use of your products, refer to our Customer support service for help.

IP (Ingress Protection) rating

Your device has an IP rating, which means it has undergone certified tests to measure its resistance levels to both dust and water. The first digit in the two-digit IP rating indicates the level of protection against solid objects, including dust. The second digit indicates how resistant the device is to water. The higher the numbers, the higher the respective protection.

The IP ratings of your device are IPX5, IPX7, and IP5X. This means that your device is dust protected and is protected against the effects of immersion and low pressure water stream. So you can use the device in extreme weather conditions, for example, when it's snowing or raining, or when humidity levels are high. You can also use the device in dusty or sandy environments, and when your fingers are wet. See the table for more details.

Resistance to solid objects and dust	Resistance to water
IP0X. No special protection	IPX0. No special protection
IP1X. Protected against solid objects > 50 mm in diameter	IPX1. Protected against dripping water
IP2X. Protected against solid objects > 12.5 mm in diameter	IPX2. Protected against dripping water when tilted up to 15 degrees from normal position
IP3X. Protected against solid objects > 2.5 mm in diameter	IPX3. Protected against spraying water
IP4X. Protected against solid objects > 1 mm in diameter	IPX4. Protected against splashing water
IP5X. Protected against dust; limited ingress (no harmful deposit)	IPX5. Protected against water jet spray
IP6X. Dust tight	IPX6. Protected against heavy jet spray
	IPX7. Protected against the effects of immersion
	IPX8. Protected against submersion

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